

# MONTHLY CATALOG

UNITED STATES

GOVERNMENT PUBLICATIONS

MAY 1969

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# **MONTHLY CATALOG**



**OF UNITED STATES  
GOVERNMENT PUBLICATIONS**

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**MAY 1969**

**Number 892**

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**Entries 6352-7564**

**Issued by the SUPERINTENDENT OF DOCUMENTS**

**U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, DC 20402 : 1969**

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- Annotated bibliography on inservice training for key professionals in community mental health. (Public Health Service, Publication 1900.) 60c. ● FS 2.24: M 52/3
- Annual report of Federal Trade Commission, fiscal year 1968. (Federal Trade Commission.) 60c. ● FT 1.1: 968
- Antidepressant drug studies, bibliography and selected abstracts. (Public Health Service, Publication 1905.) \$5.50. ● FS 2.22/13: An 8
- Career opportunities in field of mental retardation. (Health, Education and Welfare Department.) 25c. ● FS 1.2: M 52/14
- Careers for women in conservation. (Women's Bureau, Leaflet 50.) 10c. ● L 13.11: 50
- Cerebral vascular disease and strokes. (Public Health Service, Publication 513, Health information series 116, revised.) 20c. ● FS 2.50: 116/2
- Classroom demonstrations of wood properties. (Agriculture Department, PA-900.) 60c. ● A 1.68: 900
- Collection, handling, and shipment of microbiological specimens. [Revised June 1968.] (Public Health Service, Publication 875.) 50c. ● FS 2.60/7: Sp 3/968
- Films on oceanography. (Naval Oceanographic Office, Publication C-4, revised.) \$1.00. ● D 203.24: C-4/3
- Fishing in National Park System. [Revised 1969.] (National Park Service.) 30c. ● I 29.2: F 53/3/969
- Golden spike. (National Park Service, Historical handbook series no. 40.) 60c. ● I 29.58: 40
- Hill-Burton is . . . (Public Health Service, Publication 930-F-13.) 45c. ● FS 2.74/3: F-13
- House fly, how to control it. (Agriculture Department, Leaflet 390, revised.) 10c. ● A 1.35: 390/8
- Important events in American labor history, 1778-1968. (Labor Department.) 25c. ● L 1.2: H 62/2/778-968
- Investment advisers act of 1940 and general rules and regulations thereunder. [Revised 1969.] (Securities and Exchange Commission.) 35c. ● SE 1.5: In 8/2/969
- Labor law and practice in Argentina. (Labor Statistics Bureau, BLS report 344.) 65c. ● L 2.71: 344
- Making land produce useful wildlife. (Agriculture Department, Farmers' bulletin 2035, revised.) 20c. ● A 1.9: 2035/5
- News conference of President Nixon, anti-ballistic missile system. (State Department, Publication 8449, General foreign policy series 231.) 15c. ● S 1.71: 231
- Pennsylvania Avenue, 1969 report of President's Council on Pennsylvania Avenue. \$4.50. ● Pr. 35.8: P 38/P 38/969

- Planning for rural industry.** (Agriculture Department, PA-894.) 25c. ●  
A 1.68: 894
- Products of American forests.** (Agriculture Department, Miscellaneous publication 861, revised.) 50c. ● A 1.38: 861/2
- Rental and co-op housing.** (Agriculture Department, PA-800, revised.) 10c. ●  
A 1.68: 800/2
- Smithsonian year, annual report of Smithsonian Institution, fiscal year 1968.** (Smithsonian Institution.) \$2.75. ● SI 1.1: 968
- Social security handbook.** [Revised edition.] (Social Security Administration, SSI-135.) \$2.25. ● FS 3.52: 135
- Statistics of communications common carriers for 1967.** (Federal Communications Commission.) \$1.00. ● CC 1.35: 967
- Statistics of local public school systems, 1967.** (Education Office, OE-20112-67.) \$1.00. ● FS 5.220: 20112-67
- Story of United States agricultural estimates.** (Agriculture Department, Miscellaneous publication 1088.) \$1.75. ● A 1.38: 1088
- Wage calendar 1969.** (Labor Statistics Bureau, Bulletin 1619.) 65c. ● L 2.3: 1619
- Water and waste water technology, suggested 2-year post high school curriculum.** (Education Office, OE-80057.) \$1.50. ● FS 5.280: 80057

# Contents

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---

Previews .....	III
Abbreviations, Explanation.....	VI
General Information.....	VII
How To Order Publications.....	VIII
New Classification Numbers.....	IX
Discontinued Series.....	X
Corrections for Previous Monthly Catalogs .....	X
List of Government Authors.....	XIII
Monthly Catalog.....	1
Index .....	83

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## Abbreviations

add.....	addition, addendum, addenda.	n. d.....	no date.
amdt., amdts.....	amendment, amendments.	n. p.....	no place.
app.....	appendix, appendixes.	no., nos.....	number, numbers.
bk., bks.....	book, books.	p.....	page, pages.
chap.....	chapter, chapters.	p. of pl.....	pages of plates.
Cong.....	Congress.	par., pars.....	paragraph, paragraphs.
Dept.....	Department.	pl.....	plate, plates.
doc.....	document.	por.....	portrait, portraits.
facsim.....	facsimile, facsimiles.	pt., pts.....	part, parts.
fy.....	fiscal year.	rp.....	report.
G. H. A.....	Greenwich hour angle.	S.....	Senate, Senate bill.
H.....	House.	S. Con. Res.....	Senate concurrent resolution.
H. Con. Res.....	House concurrent resolution.	S. doc.....	Senate document.
H. doc.....	House document.	S. ex. doc.....	Senate executive document.
H. ex. doc.....	House executive document.	S. ex. rp.....	Senate executive report.
H. J. Res.....	House joint resolution.	S. J. Res.....	Senate joint resolution.
H. R.....	House of Representatives, House bill.	S. Res.....	Senate resolution.
H. Res.....	House resolution.	S. rp.....	Senate report.
H. rp.....	House report.	sec.....	section, sections.
il.....	illustration, illustrations.	sess.....	session, sessions.
in.....	inch, inches.	Stat. L.....	Statutes at large.
lat.....	latitude.	supp.....	supplement.
long.....	longitude.	tab.....	table, tables.
m.....	mile.	Treas.....	Treasury.
		v.....	volume, volumes.
		vs., v.....	versus.

Common abbreviations for the names of States, months, etc., are also used.  
An explanation of the symbols used to designate sizes of publications is given on the inside of the front cover.

## Explanation

The individual issuing department, bureau, office, or agency is considered the publisher of Government publications.

Words and figures enclosed in brackets [ ] in titles are given for information, but do not appear on the title pages of the publications cataloged. Place and printer are not given for publications printed at the United States Government Printing Office, Washington, D.C., or at Government departmental and field printing plants. The dates given with Senate and House documents and reports are the dates on which they were ordered to be printed. Usually the printing promptly follows the ordering, but various causes sometimes make delays.

Under provisions of the Printing Act of January 12, 1895, all Government publications, except administrative and confidential (or restricted), are entered in the Monthly Catalog.

The L.C. card number appended to some of the entries is for those libraries ordering printed cards from the Library of Congress. The number at the extreme right of an entry indicates the classification of the publication in the Office of the Superintendent of Documents.

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# New Classification Numbers

	Forest Service.
A 13.13/3: date.....	National forests, lands of many uses, report. NOTE.—Issued by California region.
A 13.52/8: letters-nos.....	Northeastern Area State and Private Forestry [publications].
	Agricultural Research Service.
A 77.233/4: date.....	Cooperative State-Federal Sheep and cattle scabies epidemiology and related activities, fiscal year. NOTE.—See, for earlier class, A 77.202: Sh 3/13.
	Commodity Exchange Authority.
A 85.11/8: nos.....	Futures trading and open contracts in frozen concentrated orange juice [on Citrus Asso- ciates of New York Cotton Exchange].
	Consumer and Marketing Service.
A 88.17/5: Reserved	
A 88.17/6: nos.....	MIP guidelines.
	Statistical Reporting Service.
A 92.8: CT.....	Handbooks, manuals, guides.
	Census Bureau.
C 3.243: nos.....	Financial management systems series, FMSS.
	Coast and Geodetic Survey.
C 4.56: nos.....	Antarctic traverses.
	Business and Defense Services Administration.
C 41.90/5: CT.....	Patterns of industrial growth (series).
	Foreign Direct Investments Office.
C 54.1: date.....	Annual report.
C 54.2: CT.....	General publications.
C 54.3:-8: Reserved	
C 54.9: CT.....	Addresses.
	Federal Communications Commission.
CC 1.43/2: date.....	AM-FM broadcast financial data.
	Defense Department.
D 5.14/2: nos.....	DASIAC [Defense Atomic Support Agency In- formation and Analysis Center] special reports.
	Engineers Corps (Army).
D 103.38/3: nos.....	Ohio River Division Laboratories: Technical memorandums.
	National Institutes of Health.
FS 2.22/30-4: v.nos & nos.....	Cancer chemotherapy reports, part 3, Program information.
	Rehabilitation Services Administration.
FS 17.108: CT.....	Handbooks, manuals, guides. NOTE.—See, for earlier class, FS 13.217/2: (CT).
	National Center for Social Statistics.
FS 17.620: date.....	Medicaid, fiscal year, NCSS report B-5.
FS 17.633: date.....	Public assistance, costs of State and local ad- ministration, services, and training, fiscal year, NCSS report F-3. NOTE.—See, for earlier class, FS 14.202: P96/7/date.
FS 17.636: date.....	Concurrent receipt of public assistance money payments and old-age, survivors, and dis- ability insurance cash benefits by persons aged 65 or over. NOTE.—See, for earlier class, FS 17.402: P96/date.

- I 28.59/3: date----- Mines Bureau.  
Copper industry, annual.
- I 67.18: CT----- Federal Water Pollution Control Administration.  
Addresses.
- L 2.72/4: CT----- Labor Statistics Bureau.  
Directory of labor organizations in [various countries].  
NOTE.—Some issues entitled Labor conditions and labor organizations.
- NS 2.11: CT----- Science Information Office.  
Addresses.
- P 24.6/3: nos----- Post Office Department.  
Criteria for use in planning new facilities, CR (series).
- SI 1.26: nos----- Smithsonian Institution.  
Smithsonian contributions to earth sciences.
- TD 1.113/5: date----- National Transportation Safety Board.  
Analysis of aircraft accident data, U.S. air carrier operations.
- TD 1.115: date----- List of publications.
- TD 2.119: CT----- Public Roads Bureau.  
Addresses.
- TD 2.120: nos----- NOTE.—See, for earlier class, C 37.21:(CT).  
Highway planning technical reports.
- TD 4.601: date----- NOTE.—See, for earlier class, C 37.27:(nos.).  
Aircraft Development Service.
- TD 4.602: CT----- Annual report.
- TD 4.603:—608: Reserved General publications.
- TD 4.609: CT----- Bibliographies and lists of publications.
- TD 5.21: Reserved Coast Guard.
- TD 5.22: nos----- Civil engineering reports.
- NOTE.—See, for earlier class, T 47.42/2:(nos.).
- Y 3.Ed8/3: 1/date----- National Advisory Council on Education Professions Development.  
Annual report.
- Y 3.T25: 37/date----- Tennessee Valley Authority.  
Fish monitoring investigations, Browns Ferry Nuclear Plant, Wheeler Reservoir, Ala. (quarterly).

## Discontinued Series

- D 102.28/5: nos----- Adjutant General's Office (Army).  
Selected periodical literature, list (monthly).  
NOTE.—Discontinued with list no. 68-2 dated Mar.—Apr. 1968.

## Corrections for Previous Monthly Catalogs

- July 1967. Entry 10324, 1966 [fiscal year] report, U.S. Columbia River power system. Correct class to read I 44.1: 966.
- Entry 10325, U.S. Columbia River power system, 1965 report. Correct class to read I 44.1: 965.
- July 1968. Entry 8531, 14th Conference of Civilian Aides to Secretary of Army, Washington, D.C., Apr. 28-30, 1968. Correct class to read D 101.2: C 49/4/968.
- Nov. 1968. Entry 15505, Rural to urban population shift, a National problem, National Manpower Conference . . .  
This should have been listed as the last entry under Government Operations Committee, Senate.
- Dec. 1968. Entry 16644, Publications and patents, Eastern Utilization Research and Development Division, publication nos. 1-1542, 1939-60. Correct the title to read as above, and correct the class to read A 77.17/4: 939-60.
- Jan. 1969. Entry 709,—Examination of financial statements of Federal Home Loan Bank Board, year ended Dec. 31, 1967. Correct class to read GA 1.13: F31/19/967.

- Feb. 1969. Entry 1862, Progress of United States Government in scientific & technical communications, 1967. Change † to Φ Paper, \$3.00 (PB 180867).
- Entries 2024-2044, Economic trends and their implications for United States, ET (series). Add following the item number C 42.30 : (nos.).
- Entry 2986, Interior Department decisions. Correct class to read I 1.69/a : (v. nos. & nos.).
- Entry 3084, Local board memoranda, transmittal memorandum. Correct class to read Y 3.Se4 : 13-2/ (nos.)
- Entry 3098, Manual of classification. Correct Item to read 258.
- Entry 3153, NASA headquarters telephone directory. Correct class to read NAS 1.24 : (date).
- Entry 3536, U.S. Government research & development reports. Correct class to read C 41.21 : (v. nos. & nos.).
- Entry 3588, Water supply outlook and Federal-State-private cooperative snow surveys for Oregon. Correct class to read A 57.46/5 : (date).
- Mar. 1969. Entry 4909, Project skywater, proceedings, skywater conference 4, . . . May 21-22, 1968. Correct class to read I 27.2 : Sk 9/968-2.

1. The first part of the paper is devoted to a general discussion of the problem of the existence of a solution of the system of equations (1) for arbitrary values of the parameters  $\alpha$  and  $\beta$ .

2. In the second part, the author considers the case of a linear system of equations (1) and obtains a theorem on the existence of a solution for arbitrary values of the parameters  $\alpha$  and  $\beta$ .

3. In the third part, the author considers the case of a nonlinear system of equations (1) and obtains a theorem on the existence of a solution for arbitrary values of the parameters  $\alpha$  and  $\beta$ .

4. In the fourth part, the author considers the case of a system of equations (1) with a variable coefficient and obtains a theorem on the existence of a solution for arbitrary values of the parameters  $\alpha$  and  $\beta$ .

5. In the fifth part, the author considers the case of a system of equations (1) with a variable coefficient and obtains a theorem on the existence of a solution for arbitrary values of the parameters  $\alpha$  and  $\beta$ .

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8. In the eighth part, the author considers the case of a system of equations (1) with a variable coefficient and obtains a theorem on the existence of a solution for arbitrary values of the parameters  $\alpha$  and  $\beta$ .

9. In the ninth part, the author considers the case of a system of equations (1) with a variable coefficient and obtains a theorem on the existence of a solution for arbitrary values of the parameters  $\alpha$  and  $\beta$ .

10. In the tenth part, the author considers the case of a system of equations (1) with a variable coefficient and obtains a theorem on the existence of a solution for arbitrary values of the parameters  $\alpha$  and  $\beta$ .

11. In the eleventh part, the author considers the case of a system of equations (1) with a variable coefficient and obtains a theorem on the existence of a solution for arbitrary values of the parameters  $\alpha$  and  $\beta$ .

12. In the twelfth part, the author considers the case of a system of equations (1) with a variable coefficient and obtains a theorem on the existence of a solution for arbitrary values of the parameters  $\alpha$  and  $\beta$ .

13. In the thirteenth part, the author considers the case of a system of equations (1) with a variable coefficient and obtains a theorem on the existence of a solution for arbitrary values of the parameters  $\alpha$  and  $\beta$ .

14. In the fourteenth part, the author considers the case of a system of equations (1) with a variable coefficient and obtains a theorem on the existence of a solution for arbitrary values of the parameters  $\alpha$  and  $\beta$ .

15. In the fifteenth part, the author considers the case of a system of equations (1) with a variable coefficient and obtains a theorem on the existence of a solution for arbitrary values of the parameters  $\alpha$  and  $\beta$ .

16. In the sixteenth part, the author considers the case of a system of equations (1) with a variable coefficient and obtains a theorem on the existence of a solution for arbitrary values of the parameters  $\alpha$  and  $\beta$ .

17. In the seventeenth part, the author considers the case of a system of equations (1) with a variable coefficient and obtains a theorem on the existence of a solution for arbitrary values of the parameters  $\alpha$  and  $\beta$ .

18. In the eighteenth part, the author considers the case of a system of equations (1) with a variable coefficient and obtains a theorem on the existence of a solution for arbitrary values of the parameters  $\alpha$  and  $\beta$ .

## List of Government Authors

	Beginning entry
Administrative Office of United States Courts.....	6352
Agriculture Department.....	6370
Agricultural Research Service.....	6355
Agricultural Stabilization and Conservation Service.....	6365
Commodity Exchange Authority.....	6552
Consumer and Marketing Service.....	6804
Cooperative State Research Service.....	6818
Economic Research Service.....	6855
Farmer Cooperative Service.....	6924
Foreign Agricultural Service.....	6996
Forest Service.....	6999
Rural Electrification Administration.....	7443
Soil Conservation Service.....	7465
Statistical Reporting Service.....	7527
Atomic Energy Commission.....	6466
Civil Aeronautics Board.....	6512
Civil Service Commission.....	6519
Civil War Centennial Commission.....	6525
Commerce Department.....	6538
Business and Defense Services Administration.....	6484
Census Bureau.....	6490
Economic Development Administration.....	6845
Environmental Science Services Administration.....	6911
Coast and Geodetic Survey.....	6526
Foreign Direct Investments Office.....	6997
International Commerce Bureau.....	7100
Maritime Administration.....	7195
National Bureau of Standards.....	7319
Patent Office.....	7394
United States Travel Service.....	7553
Congress.....	6554
Atomic Energy Joint Committee.....	6564
Economic Joint Committee.....	6565
House of Representatives.....	6569
Agriculture Committee.....	6701
Appropriations Committee.....	6703
Armed Services Committee.....	6705
Banking and Currency Committee.....	6706
Education and Labor Committee.....	6709
Foreign Affairs Committee.....	6710
Government Operations Committee.....	6714
House Administration Committee.....	6718
Interstate and Foreign Commerce Committee.....	6719
Judiciary Committee.....	6722

## Congress—Continued

	Beginning entry
House of Representatives—Continued	
Merchant Marine and Fisheries Committee.....	6724
Post Office and Civil Service Committee.....	6726
Public Works Committee.....	6728
Science and Astronautics Committee.....	6730
Veterans' Affairs Committee.....	6731
Printing Joint Committee.....	6733
Senate	6734
Appropriations Committee.....	6775
Armed Services Committee.....	6776
Banking and Currency Committee.....	6777
District of Columbia Committee.....	6780
Finance Committee.....	6783
Government Operations Committee.....	6784
Interior and Insular Affairs Committee.....	6790
Judiciary Committee.....	6794
Labor and Public Welfare Committee.....	6797
Public Works Committee.....	6799
Defense Department.....	6822
Air Force Department.....	6402
Armed Forces Information Service.....	6427
Army Department.....	6428
Army Medical Service.....	6462
Civil Defense Office.....	6514
Engineers Corps.....	6905
Lake Survey.....	7190
Military History, Office of Chief of.....	7202
National Guard Bureau.....	7338
Navy Department.....	7391
Marine Corps.....	7194
Medicine and Surgery Bureau.....	7197
Naval Facilities Engineering Command.....	7367
Naval Operations Office	
Naval Observatory.....	7368
Naval Oceanographic Office.....	7369
Naval Personnel Bureau.....	7374
Naval Academy.....	7366
Naval Research Office.....	7378
Naval Ship Systems Command.....	7390
Federal Communications Commission.....	6941
Federal Council for Science and Technology.....	6943
Federal Home Loan Bank Board.....	6944
Federal Maritime Commission.....	6945
Federal Power Commission.....	6947
Federal Reserve System Board of Governors.....	6973
Federal Trade Commission.....	6984
General Accounting Office.....	7022
General Services Administration.....	7038
Federal Supply Service.....	6979
National Archives and Records Service.....	7313
Federal Register Office.....	6949

	Beginning entry
Government Printing Office	
Public Documents Division	7408
Health, Education, and Welfare Department	7085
Education Office	6886
Public Health Service	7413
Consumer Protection and Environmental Health Service	
Food and Drug Administration	6994
National Institutes of Health	7341
National Library of Medicine	7349
Social and Rehabilitation Service	
Aging Administration	6353
Assistance Payments Administration	6465
Children's Bureau	6510
National Center for Social Statistics	7330
Rehabilitation Services Administration	7440A
Social Security Administration	7457
Housing and Urban Development Department	7088
Indian Claims Commission	7079
Interior Department	7080
Bonneville Power Administration	6482
Fish and Wildlife Service	
Commercial Fisheries Bureau	6547
Sport Fisheries and Wildlife Bureau	7468
Federal Water Pollution Control Administration	6988
Geological Survey	7041
Land Management Bureau	7191
Mines Bureau	7203
National Park Service	7355
Outdoor Recreation Bureau	7392
Reclamation Bureau	7439
Joint Publications Research Service	7124
Justice Department	7161
Community Relations Service	6553
Labor Department	7162
Labor Standards Bureau	7167
Labor Statistics Bureau	7170
Manpower Administration	
Employment Security Bureau	6904
Wage and Hour and Public Contracts Divisions	7560
Women's Bureau	7562
Library of Congress	7192
Copyright Office	6820
National Advisory Council on Education Professions Development	7224
National Aeronautics and Space Administration	7225
National Foundation on the Arts and the Humanities	
National Endowment for the Arts	7336
National Endowment for the Humanities	7337
National Labor Relations Board	7348
National Railroad Adjustment Board	7359
National Science Foundation	7362
Science Information Service Office	7446
Post Office Department	7395

	Beginning entry
President of United States.....	7403
Executive Office of the President	
Economic Opportunity Office.....	6846
Renegotiation Board.....	7442
Small Business Administration.....	7447
Smithsonian Institution.....	7454
National Museum.....	7352
State Department.....	7476
International Development Agency.....	7121
Supreme Court.....	7538
Tariff Commission.....	7540
Tax Court.....	7543
Tennessee Valley Authority.....	7544
Transportation Department	
Coast Guard.....	6534
Federal Aviation Administration.....	6925
Air Traffic Service.....	6423
Aircraft Development Service.....	6426
Aviation Medicine Office.....	6481
Systems Research and Development Service.....	7539
Federal Highway Administration	
Motor Carrier Safety Bureau.....	7222
National Highway Safety Bureau.....	7340
Public Roads Bureau.....	7435
National Transportation Safety Board.....	7363
St. Lawrence Seaway Development Corporation.....	7445
Treasury Department.....	7549
Customs Bureau.....	6821
Internal Revenue Service.....	7092
Veterans Administration.....	7554



# Monthly Catalog

NO. 892 • MAY 1969

## ADMINISTRATIVE OFFICE OF UNITED STATES COURTS Washington, DC 20543

- 6352 Preliminary draft of proposed rules of evidence for United States District Courts and magistrates. Mar. 1969. xii+254 p. (Committee on Rules of Practice and Procedure of Judicial Conference of United States.) †  
● Item 729-A  
L.C. card 73-601602 Ju 10.6: Ev 3

## AGING ADMINISTRATION, Health, Education, and Welfare Dept. Washington, DC 20201

- 6353 Handle yourself with care, accident prevention for older Americans; [by Dorothea J. Lewis.] [May 1969.] cover title, [20] p. il. oblong, 48° ([AoA publication 805.]) [Prepared in cooperation with National Safety Council. Text on p. 2-3 of cover.] \* Paper, 30c. ● Item 447-A-3  
FS 17.308: H 19/2
- 6354 Senior Citizens Month, May, proclamation by President of United States of America. [1969.] [2] p. il. 4° folded into oblong 48° size. † ● Item 447-A-1  
FS 17.302: Se 5/2

## AGRICULTURAL RESEARCH SERVICE, Agriculture Dept. Washington, DC 20250

### ARS (series). †

A 77.15: (nos.)

- 6355 42-148. Relation of frequency and length of shaker stroke to mechanical harvesting of apples [with list of literature cited]; by R. G. Diener, J. H. Levin, and R. T. Whittenberger. Jan. 1969. 15 p. il. 4° [Prepared by Agricultural Engineering Division and Eastern Utilization Research and Development Division, in cooperation with Agricultural Engineering Department, Michigan State University.]
- 6356 52-25. Relationships between grain transit losses and boxcar defects; [by Robert F. Gullfooy, Jr. and Robert C. Mongelli]. Apr. 1969. 13 p. 4°
- 6357 52-34. Effects of vent holes on strength of fiberboard boxes and fruit cooling rate; by Glenn O. Patchen]. Mar. 1969. 12 p. il. 4° ([Transportation and Facilities Research Division.])
- 6358 62-18. Food intake and nutritional value of diets of men, women, and children in United States, spring 1965, preliminary report; [by Consumer and Food Economics Research Division]. Mar. 1969. cover title, ii+97 p. il. 4° [Text on p. 2 of cover.] ● Item 25-B  
L.C. card 75-601423
- 6359 73-59. Cane milling of nicotine from green *nicotiana rustica*; [by E. O. Strolle, J. B. Claffey, and E. G. Reinhardt]. Feb. 1969. 10 p. 4° ([Engineering and Development Laboratory.])
- 6360 73-60. Two automatic sirup drawoff controllers; [by J. A. Connelly]. Jan. 1969. 12 p. il. 4° ([Eastern Utilization Research and Development Division.])
- 6361 73-61. Rapid vacuum evaporation system; [by O. T. Chortyk, C. F. Krewson, and H. John]. Feb. 1969. 4 p. il. 4° ([Eastern Utilization Research and Development Division.])
- 6362 Cooperative State-Federal sheep and cattle scabies epidemiology and related activities, fiscal year 1968. Nov. 1968. 19 p. il. 4° ([Animal Health Division.]) †  
L.C. card 71-601422 A 77.233/4: 968

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
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Page 1

# GOVERNMENT PUBLICATIONS

6363 Plant inventory no. 173, Plant material introduced Jan. 1-Dec. 31, 1965 (nos. 303628-310335) [received by New Crops Research Branch, Crops Research Division]. Mar. 1969. 272 p. † • Item 101 A 77.515:173

6364 Publications and patents, Eastern Utilization and Research Development Division, publication nos. 2890-2971, July-Dec. 1968. [Jan. 1969.] 27 p. 4° † A 77.17/4:968-2

## AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE, Agriculture Dept., Washington, DC 20250

6365 Fertilizer supply 1968-69, nitrogen, phosphate, potash [with list of references to fertilizer data; prepared by John N. Mahan]. Apr. 1969. [1]+1+18 p. 4° †  
L.C. card 52-60877 A 82.77:968-69

6366 Nebraska, [1967], agricultural conservation program. [1968.] 20 p. 12° (ACP, a conservation partnership; Agricultural Stabilization and Conservation Service, Nebraska State Office.) † A 82.1/2: N 27/967

6367 Nevada's ASCS farm programs, 1967. [1968] cover title, [3]+48 p. il. 4° †  
L.C. card 73-601365 A 82.1/2: N 41/967

6368 1968 upland cotton program, summary. [Dec. 1968.] cover title, 56 p. oblong 8° [Text on p. 2 of cover.] † A 82.2: C 82/81/968

6369 Virginia, 1969 [1967], agricultural conservation program. [1968.] 11 p. il. 4° (Agricultural Stabilization and Conservation Service, Virginia State Office, Richmond, Va.) † A 82.1/2: V 81/967

## AGRICULTURE DEPARTMENT Washington, DC 20250

NOTE.—Requests to the Department of Agriculture for publications should include the USDA number if given in the entry.

### Agriculture handbooks. • Item 3 A 1.76:(nos.)

6370 38. First aid for flooded homes and farms. [Revised Apr. 1969.] [1969.] 28 p. il. • Paper, 20c.

6371 305. Professional workers in State agricultural experiment stations and other cooperating State institutions, 1968-69. Revised Mar. 1969. [1969.] iv +280 p. (Cooperative State Research Service.) [map on p. 4 of cover.] • Paper, \$1.50.

6372 332. Suggested guide for weed control, 1969; prepared by Crops Research Division. Apr. 1969. iv+70 p. 4° (Agricultural Research Service.) [Text on p. 2 of cover.] • Paper, 70c.

6373 341. USDA standards for food and farm products [list]. [Revised Feb. 1969.] [1969.] 16 p. 4° (Consumer and Marketing Service, Information Division.) • Paper, 10c.

6374 357. Fifty years of research on pink bollworm in United States [with list of references; by Lloyd W. Noble]. [Mar. 1969.] ii+62 p. il. (Agricultural Research Service.) • Paper, 55c.  
L.C. card 76-601363

### Agriculture information bulletins. • Item 4 A 1.75:(nos.)

6375 254. Tree diseases of eastern forests and farm woodlands [with list of references; George H. Hepting and Marvin E. Fowler]. [Apr. 1962, slightly revised Mar. 1969.] [1969.] cover title, 48 p. il. (Forest Service.) [Table of contents on p. 2 of cover. Some information in this publication was formerly presented in Farmers' Bulletin 1887.] • Paper, 35c.  
L.C. card 73-601314

6376 305. Your water supply and forests. [Issued Apr. 1966, slightly revised Apr. 1969.] [1969.] [2]+17 p. il. (Forest Service.) [Supersedes Leaflet 282.] • Paper, 15c.

### Farmers' bulletins. • Item 9 A 1.9:(nos.)

6377 2197. Farm poultry management; [prepared by Animal Husbandry Research Division, Agricultural Research Service]. [Jan. 1964, slightly revised Apr. 1969.] [1969.] 32 p. il. [Supersedes Farmers' bulletin 1324, Farm poultry raising.] • Paper, 20c.  
L.C. card 72-601311

6378 2240. Preventing and controlling internal parasites of hogs; [prepared by Animal Disease and Parasite Research Division, Agricultural Research Service]. [Apr. 1969.] 36 p. il. [Supersedes Farmers' bulletin 1787, Internal parasites of swine.] • Paper, 20c.  
L.C. card 76-601312

\*For Sale by Superintendent of Documents

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# MAY 1969

- Home and garden bulletins. ● Item 11 A 1.77:(nos.)
- 6379 28. Ants in home and garden, how to control them; [prepared by Entomology Research Division, Agricultural Research Service]. [Revised Apr. 1969.] [1969.] 8 p. il. \* Paper, 10c.
- 6380 106. Home canning of meat and poultry; [prepared by Human Nutrition Research Division, Agricultural Research Service]. Feb. 1966, slightly revised Apr. 1969. [1969.] 24 p. il. [Includes list of Agricultural Research Service publications about preserving food at home. Supersedes Home and garden bulletin 6. Home canning of meat.] \* Paper, 15c.
- 6381 161. Apples in appealing ways; [prepared by Human Nutrition Research Division, Agricultural Research Service]. [Apr. 1969.] 16 p. il. [Supersedes Leaflet 312.] \* Paper, 15c.  
L.C. card 72-601441
- Leaflet.
- 6382 381. Infrared lamps, their use in brooding pigs; [prepared by Agricultural Engineering Research Division, Agricultural Research Service]. [Dec. 1954, slightly revised Mar. 1969.] 4 p. il. † ● Item 12 A 1.35: 381/3
- Marketing research reports. ● Item 13-B A 1.82:(nos.)
- 6383 833. Cost and performance of polystyrene boxes for shipping icepacked poultry; [by Lawrence A. Risse]. [Jan. 1969.] 8 p. il. 4° (Transportation and Facilities Research Division, Agricultural Research Service.) \* Paper, 10c.  
L.C. card 71-601394
- 6384 637. Egg grading and processing plant for high volume production; [by Clarence Harris]. [Feb. 1969.] [2]+18 p. il. 14° (Agricultural Research Service.) \* Paper, 30c.  
L.C. card 70-601316
- 6385 840. Characteristics of beef cattle feedlots, California, Colorado, western Corn Belt; [by Ronnie L. Burke]. [1969.] iv+54 p. il. 4° (Economic Research Service.) \* Paper, 50c.
- 6386 844. Cotton gin operating costs in west Texas, 1966-67 and 1967-68; [by Charles A. Wilmont, Dale L. Shaw, and Zolon M. Looney]. [Mar. 1969.] 4 p. 4° (Economic Research Service.) \* Paper, 5c.
- Miscellaneous publications. ● Item 13-A A 1.38:(nos.)
- 6387 1124. Self-feeder for cattle. Mar. 1969. [2] p. il. 4° (Cooperative farm building plan exchange, plan 6045.) \* Paper, 5c.
- 6388 1125. Free-stall barn for 60 cows. Mar. 1969. [2] p. il. 4° (Cooperative farm building plan exchange, plan 6030.) \* Paper, 5c.
- 6389 1126. Portable corral-transport. Mar. 1969. [2] p. il. 4° (Cooperative farm building plan exchange, plan 6041.) \* Paper, 5c.
- 6390 1127. Free-stall system for dairy cows. Mar. 1969. [2] p. il. 4° (Cooperative farm building plan exchange; plan 6035.) \* Paper, 5c.
- 6391 1131. Roadside market. Mar. 1969. [2] p. il. 4° (Cooperative farm building plan exchange; plan 6027.) \* Paper, 5c.
- 6392 1132. Loose-housing system (covered free stall) for 124 dairy cows. Mar. 1969. [2] p. il. 4° (Cooperative farm building plan exchange; plan 6031.) \* Paper, 5c.
- 6393 1141. Synthetics and substitutes for agricultural products, compendium [with bibliographies]. [Apr. 1969.] [2]+ii+85 p. 4° (Economic Research Service.) \* Paper, 75c.
- PA [Program aid] (series). ● Item 14-A A 1.6S:(nos.)
- 6394 708. How to use USDA grades in buying food, dairy products, poultry, fruits and vegetables, eggs, meat. [Slightly revised Mar. 1969.] [1969.] [12] p. il. narrow 12° (Consumer and Marketing Service.) \* Paper, 15c.
- 6395 798. Certifying your program acres. Revised Mar. 1969. [1969.] [4] p. il. narrow 8° (Agricultural Stabilization Conservation Service.) †
- 6396 816. Golden nematode of potatoes and tomatoes; [prepared by Plant Pest Control Division, Agricultural Research Service]. [Dec. 1967, slightly revised Feb. 1969.] [4] p. il. [Supersedes Leaflet 361. Illustrations are colored.] \* Paper, 20c.
- 6397 898. Appalachian land stabilization and conservation program. [Mar. 1969.] 12 p. il. oblong 24° (Agricultural Stabilization and Conservation Service.) \* Paper, 10c.
- 6398 911. Food stamps to end hunger. Apr. 1969. [8] p. il. 4° (Consumer and Marketing Service.) \* Paper, 10c.
- 6399 Report of technical study group: Addendum to statistical appendix of Cotton in Soviet Union. Mar. 5, 1969. [2] p. 4° (Foreign Agricultural Service.) †  
L.C. card Agr 59-189 A 1.94: C 82/add.-9
- Statistical bulletin.
- 6400 433. Poultry market statistics, 1968, annual summary; compiled by Dairy and Poultry Market News Branch. Apr. 1969. 56 p. 4° (Consumer and Marketing Service.) † ● Item 15  
L.C. card 66-61157 A 1.34: 433

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# GOVERNMENT PUBLICATIONS

## Technical bulletin.

- 6401 1402. Pasture productivity of crested wheatgrass as influenced by nitrogen fertilization and alfalfa [with list of literature cited; by George A. Rogier and Russell J. Lorenz]. [Apr. 1966] [2]+33 p. ([Crops Research Division], Agricultural Research Service.) [Prepared in cooperation with Department of Animal Science North Dakota Agricultural Experiment Station.]  
 • Paper, 20c. • Item 76  
 L.C. card 70-601313 A 1.36: 1402

## AIR FORCE DEPARTMENT, Defense Dept. Washington, DC 20330

Air Force Human Resources Laboratory: [Technical report] AFHRL-TR (series). (Aerospace Medical Division, Air Force Systems Command, Lackland Air Force Base, Tex.) ‡ D 301.45/27: (nos.)

- 6402 67-18. Relation between effectiveness ratings and selected characteristics of ratings dyads [with list of references]; by James L. Quinn. Nov. 1967. vi+25+ [12] p. 4° [Contains copyright material.]  
 6403 68-111. Selection of foreign students for training in United States Air Force [with list of references]; by Cecil J. Mullins, James B. Keeth, Larry D. Riederich. Nov. 1968. vi+17+ [2] p. 4° ([Project 7719. Task 771906.])

Air Force manual AFM (series). ‡ • Item 421 D 301.7: (nos.)

- 6404 55-8. See Federal Aviation Administration, United States standard flight inspection manual, Change 13.  
 6405 67-11. See Defense Department, Defense Supply Agency manual 4140.34-M.  
 6406 78-23. See Defense Department, Defense Supply Agency handbook DSAH 4215.35.  
 6407 78-33. See Defense Department, Defense Supply Agency handbook DSAH 4215.23.  
 6408 78-46. See Defense Department, Defense Supply Agency handbook DSAH 4215.44.  
 6409 88-30. See Army Department, Technical manual 15-803-11.  
 6410 110-3. Judge Advocate General activities: Civil law; Mar. 26, 1969. [1969.] [437] p. il. 4° [Issued with perforations. Supersedes AFM 110-3, Oct. 1, 1965.]  
 6411 161-S. Aerospace medicine: Laser health hazards control [with bibliography]. Apr. 1, 1969. cover title, [52] p. il. 4° [Issued in looseleaf form.]  
 L.C. card 79-601440

Air Weather Service manual AWSM (series).

- 6412 105-39. Weather forecasters' guide on aircraft icing [with list of references]. Jan. 7, 1969. [55] p. il. 1 pl. 4° [Supersedes AWSM 105-39, Sept. 15, 1964; AWSM 105-39A, Dec. 3, 1964; AWSM 105-39B, Feb. 8, 1965; AWSM 105-39C, Feb. 10, 1965; AWSM 105-39, Aug. 22, 1966; and AWSTR-182, Sept. 1964. Issued with perforations.] ‡ D 301.27: 105-39

- 6413 Let's go Air Force! guide to Air Force opportunities. [1968.] cover title, 28 [3] p. il. oblong 24° [Some illustrations are colored.] ‡ • Item 424-F D 301.6/5: A17

- 6414 Make your practice perfect, [Join Air Force Reserve]. [1969.] [4] p. il. 4° ‡ • Item 424 D 301.2: P 88

School of Aerospace Medicine: Aeromedical reviews. (Aerospace Medical Division (AFSC), Brooks Air Force Base, Tex.) ‡

- 6415 10-68. Significance of physical training of pilots [with list of references; by] Wilhelm Hill. Dec. 1968. [1]+16 p. ‡ D 301.26/13-4: 10-68

— Technical report SAM TR (series). (Aerospace Medical Division (AFSC), Brooks Air Force Base, Tex.) ‡ D 301.26/13-6: (nos.)

- 6416 68-79. Large area proton beams for radiobiologic research from NASA-SREL synchrotron: 1. Investigation of nominal 300-Mev primary beam. 2. Investigation of nominal 600-Mev primary beam [with list of references; by] K. R. Blake et al. Dec. 1968. cover title, v+ [1]+29+ [2] p. il. 4° ([Contract F41609-67-C-0106; task 775701.])  
 6417 68-109. Further physiologic research on human tumbling [with list of references; by] John G. Fletcher. Oct. 1968. cover title, v+72+ [2] p. il. 4° ([Contract AF 41(609)-2897; task 793003.])  
 6418 68-115. Computer programming of aerospace rations [with list of references; by] Roy E. Chapin. [and others]. Nov. 1968. cover title, iii+11+ [2] p. il. 4° ([Task 775803.])  
 6419 68-122. Stress response as predictor of radiosensitivity in primates [with list of references]; [by] Horace E. Hamilton, [and] George S. Melville, Jr. Nov. 1968. cover title, iii+5+ [2] p. 4° ([Task 775703.])  
 6420 68-127. Coated charcoal radio-immunoassay for plasma insulin [with list of references; by] Guy M. Strong, Donald F. Longsdon, Jr., and James F. Green. Nov. 1968. cover title, iii+6+ [2] p. il. 4° ([Task 775502.])  
 6421 68-133. Estimation of serum proteins by quantitative densitometry after gel electrophoresis [with list of references; by] Emmanuel L. Mosser, Dale A. Clark. Dec. 1968. cover title, iii+9 [2] p. il. 4° ([Task 775307.])

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- 6422 So you're a scientist or engineer now. [1969.] cover title, 36 p. il. ([OTS 69-7.]) [Text on p. 3 of cover.] † ● Item 424 D 301.2: Sci 2/2

## AIR TRAFFIC SERVICE, Transportation Dept. Washington, DC 20553

- 6423 Contractions handbook, Change 1. [Jan. 14, 1969.] [16] p. 4° (7340.1A Chg. 1.) [Effective Feb. 15, 1969. Cancellation date July 1, 1969. Issued in looseleaf form.] \* Paper, 15c. ● Item 431-D-1  
TD 4.308: C 76/ch.1
- 6424 Flight services [handbook]. Apr. 1, 1969. cover title, [1]+xvii+257+[21] p. il. 4° (7110.10.) [Cancels Aeronautical communications and pilot services, handbook 7300.7. Issued in looseleaf form.] \* Paper, \$9.00 (including basic handbook and supplementary material for an indefinite period); \$2.50 additional for foreign mailing. ● Item 431-D-1 TD 4.308: F 64
- 6425 Flight services handbook, Change 1. [Dec. 20, 1968.] [26] p. 4° (7110.10.) [Effective Apr. 1, 1969. Cancellation date July 1, 1969. Issued in looseleaf form.] \* Paper, \$9.00 (including basic handbook and supplementary material for an indefinite period); \$2.50 additional for foreign mailing. ● Item 431-D-1 TD 4.308: F 64/ch.1

## AIRCRAFT DEVELOPMENT SERVICE, Transportation Dept. Washington, DC 20553

NOTE.—The Aircraft Development Service was established by the Administrator of Federal Aviation Administration in July 1962, with the mission to seek solutions to "hard core" aviation safety problems.

- 6426 Listing of Aircraft Development Service reports, July 1962–Feb. 1968. Mar. 1968. [3]+32 p. 4° † TD 4.609: R 29/962-68

## ARMED FORCES INFORMATION SERVICE, Defense Dept. Washington, DC 20301

Poster DoD-P (series).

- 6427 17B. Armed Forces decorations and awards awarded to eligible personnel of all Services unless otherwise specified in title or description [colored poster]. 1969. 37 x 26 in. (DA poster 360-99. NAVPERS 92620B, AFVA 900-3. NAVMC 2507 (rev. 67).) \* Paper, 25c. D 2.9: 17B

## ARMY DEPARTMENT, Defense Dept. Washington, DC 20310

AMC pamphlet. (Army Material Command.)

- 6428 335-1. Reports, register of approved recurring reports. Feb. 1969. cover title. iv +196 p. 4° [Quarterly. Issued with perforations. Supersedes AMCP 335-1, Aug. 31, 1968.] † ● Item 322-A D 101.22/3: 335-1/15
- 6429 Army procurement procedure. Mar. 1, 1969. [1969.] cover title, [479] p. [Issued in loose-leaf form. Supersedes Apr. 1965 edition and Changes 1-6.] \* Paper, \$3.75. ● Item 327-A D 101.6/4: 969
- 6430 Army ROTC scholarship program. [1968.] cover title, 20 p. il. [Text on p. 2-3 of cover. Illustrations are colored.] † ● Item 325 D 101.2: R 31/13
- Cold regions science and engineering monograph: [pt. 3, Engineering]. Cold Regions Research and Engineering Laboratory, Hanover, N.H., Army Material Command.)
- 6431 3-C5a. Water supply in cold regions [with selected bibliography; by] Amos J. Alter. Jan. 1969. vi+85+[2] p. il. 4° (DA project 17062-112A130.) † L.C. card 62-62430 D 103.33/7: 3-C5a
- Field manual FM (series).
- 6432 55-20. Army rail transport operations. Feb. 1969. cover title. [111] p. il. 4° [Issued with perforations. Supersedes FM 55-21, Sept. 11, 1963, including all changes; FM 55-21-1 (Test), Mar. 29, 1967; and FM 55-22, Nov. 14, 1962.] † ● Item 324 D 101.20: 55-20

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# GOVERNMENT PUBLICATIONS

## Pamphlets. • Item 327

D 101.22: (nos.)

- 6433 1-12. Role of comptroller of Army in programing, budgeting, and accounting and reporting [PBAR] system. Feb. 1969. cover title, [289] p. il. 4° ‡ 6450
- 6434 27-16. Legal clerk's handbook. Feb. 1969. cover title, [149] p. 4° [Text on p. 2 of cover. Issued with perforations. Implements Manual for court-martial, United States, 1969.] ‡ 645
- 6435 210-1. United States Army installations and major activities in continental United States, Dec. 1968. cover title, 18 p. 4° [Issued with perforations. Supersedes DA pam 210-1, Aug. 1, 1967.] \* Paper, 30c. 6452
- 6436 550-65. Area handbook for Afghanistan [with bibliographies; by] Harvey H. Smith [and others]. Feb. 1969. xiv+435 p. il. [Prepared by Foreign Area Studies, American University, Washington, D.C. Research and writing completed Dec. 1, 1967.] \* Fabrikoid, \$3.50. 6453
- 6437 550-72. Area handbook for Philippines [with bibliographies; by] Frederic H. Chaffee [and others]. Feb. 1969. xiv+413 p. il. [Prepared by Foreign Area Studies, American University, Washington, D.C. Research and writing were completed on June 1, 1968.] \* Fabrikoid, \$3.50. 6454
- 6438 550-74. Area handbook for Uganda [with bibliographies; by] Allison Butler Herrick [and others]. Feb. 1969. xvi+456 p. il. [Prepared by Foreign Area Studies, American University, Washington, D.C. Research and writing completed on Aug. 1, 1968.] \* Fabrikoid, \$3.50. 6455
- 6439 600-12. Digest of military personnel policies. Mar. 1969. cover title, [119] p. 4° [Supersedes DA Pam 600-12, Sept. 28, 1967. Issued with perforations.] ‡ 6456
- 6440 Report on war in Vietnam (as of June 30, 1968): sec. 1, Report on air and naval campaigns against North Vietnam and Pacific Command-wide support of the war. June 1964-July 1968, by U.S.G. Sharp; sec. 2, Report on operations in South Vietnam, Jan. 1964-June 1968, by W.C. Westmoreland. [1969.] [1]+v+347 p. il. 8 maps, 4° [Some illustrations are colored.] \* Paper, \$6.00. • Item 325 6457
- L.C. card 70-601356 D 101.2: V 67 6458

## Technical manual TM (series). • Item 329

D 101.11: (nos.)

- 6441 5-803-11. Children's play areas and equipment [with bibliography.] Jan. 1969. [published 1968.] cover title, 32 p. il. 4° ([Navy Dept.] NAVFAC P-383; [Air Force Dept.] AFM 88-30.) [Issued with perforations.] \* Paper, 40c. 6460
- 6442 5-824-2. Airfield flexible pavements, Air Force [with list of references]. Feb. 1969. cover title, 55 p. il. 4° (Air Force Dept. manual AFM 88-6, Chap. 2.) [Issued with perforations. Supersedes TM5-824-2 (formerly designated Corps of Engineers manual EM 1110-45-302) and AFM 88-6, Chap. 2 Aug. 15, 1958 with Changes 1-5] ‡ 6461
- 6443 10-500-41. Airdrop of supplies and equipment: rigging military aluminum bridges (floating and fixed) [with list of references]. Mar. 1966. cover title, 47 p. il. 4° (Air Force Dept. Technical order TO 13C7-11-21.) [Issued with perforations. Reprint including current pages from Changes 1 and 2.] ‡ 6462
- 6444 11-2557-25. See Federal Aviation Administration, United States standard flight inspection manual, Change 13. 6463
- 6445 55-501. Marine crewman's handbook, Change 1. Aug. 22, 1968. [1968.] 2 p. il. 4° [Issued with perforations. Illustration is colored.] ‡ 6463

## Technical research note. (Behavioral Science Research Laboratory.)

D 101.60: (nos.)

- 6446 198. Monitoring performance as function of muscular response effort [with list of literature cited; by] J. G. Tiedemann and R. N. Fell. June 1968. [8]+35 p. il. 4° (Combat Systems Research Division: Army project 2J024701A723, monitor performance b-23.) \* Paper, \$3.00 (AD-676834). 6464
- 6447 190. Use of Army school samples in estimating ACB test validity [with list of literature cited; by] Pauline T. Olson. Aug. 1968. [8]+20 p. 4° (Statistical Research and Analysis Division. Army project 2T061101A91B, (ILIR) DOL 33.) \* Paper, \$3.00 (AD 677388). 6465
- 6448 200. Certitude judgments in operational environment; [by] James D. Baker. James M. McKendry and Douglas J. Mace. Nov. 1968. [8]+30 p. il. 4° (Support Systems Research Division: Army project 2J062106A723, contract no. DA-49-002 ARO-19, Tactical Operations System b-11.) \* Paper, \$3.00 (AD 681232). 6466
- 6449 202. Factor analysis of situational leadership measure, speeded practical judgment test; [by] William H. Helme. Sept. 1968. [7]+14 p. 4° (Behavioral Evaluation Research Division: Army project 2J062106A722, Officer prediction d-47.) \* Paper, \$3.00 (AD-679044).

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## USAAVLABS technical reports. (Army Aviation Material Laboratories, Fort Eustis, Va.) ‡ D 117.8/2:(nos.)

- 6450 68-31. Hot cycle rotor/wing composite research aircraft [with list of references]; by C. R. Smith, Aug. 1968, cover title, [1]+xxvii+810+[2] p. il. 4° (Contract DA 44-177-AMC-338(T); Hughes Tool Company Aircraft Division, Culver City, Calif.)
- 6451 68-32. Tilt-prop-rotor composite research aircraft [with list of references]; by Kenneth G. Wernicke, Nov. 1968, cover title, [1]+xxix+450+[2] p. il. 4° (Contract DA 44-177-AMC-373(T); Bell Helicopter Company, Fort Worth, Tex.)
- 6452 68-40. Stopped-stowed rotor composite research aircraft [with list of literature cited], Jan. 1969, cover title, [1]+xxii+408+[2] p. il. 4° (Contract DA 44-177-AMC-372(T); Lockheed Aircraft Corporation, Burbank, Calif.)
- 6453 68-60. Studies of helicopter rotor noise [with list of literature cited]; by M. V. Lowson and J. B. Ollerhead, Jan. 1969, cover title, [1]+xvii+163+[2] p. il. 4° (Contract DAAJ02-67-C-0023; Wyle Laboratories, Huntsville, Ala.)
- 6454 68-61. Description of helicopter rotor noise computer program; by J.B. Ollerhead and R. B. Taylor, Jan. 1969, cover title, [1]+vi+72+[2] p. il. 4° (Contract DAAJ02-67-C-0023; Wyle Laboratories, Huntsville, Ala.)
- 6455 68-81. Oblique loading of undirectional fiber composites, shear loading [with list of references cited]; by Juan Haener, Alberto Puppo, [and] Ming-Yuan Feng, Jan. 1969, cover title, [1]+ix+75+[2] p. il. 4° (Contract DAAJ02-67-C-0035; Whittaker Corporation, San Diego, Calif.)
- 6456 68-85. Vibration evaluation of sandwich conical shells with fiber-reinforced composite facings [with bibliographies]; by Charles W. Bert, Byron L. Mayberry, [and] John D. Ray, Dec. 1968, cover title, xii+62+[2] p. il. 4° (University of Oklahoma Research Institute, Norman, Okla.)
- 6457 68-86. Behavior of fiber-reinforced plastic laminates under uniaxial, biaxial, and shear loading [with bibliographies]; by Charles W. Bert, Byron L. Mayberry, [and] John D. Ray, Jan. 1969, cover title, [1]+xv+107+[2] p. (Contract DAAJ02-67-C-0111; University of Oklahoma Research Institute, Norman, Okla.)
- 6458 68-87. Feasibility of gas bearings for small high-performance aircraft gas turbines [with list of references cited]; by Peter William Curwen, Mar. 1969, cover title, [1]+xxiii+286+[2] p. il. 4° (Contract DAAJ02-67-C-0026; Mechanical Technology Incorporated, Latham, N.Y.)
- 6459 68-89A. Wind tunnel tests of thin airfoils oscillating near stall: v. 1. Summary and evaluation of results [with list of literature cited]; by Lewis Gray, Jaan Liiva, Franklin J. Davenport, Jan. 1969, cover title, [1]+ix+271+[2] p. il. 4° (Contract DAAJ02-67-C-0095; Boeing Company, Vertol Division, Philadelphia, Pa.)
- 6460 68-89B. Wind tunnel tests of thin airfoils oscillating near stall: v. 2. Data report; by Lewis Gray, Jaan Liiva, Franklin J. Davenport, Jan. 1969, cover title, [1]+xiii+75+[2] p. il. 4° (Contract DAAJ02-67-C-0095; Boeing Company, Vertol Division, Philadelphia, Pa.)
- 6461 69-2. Wind tunnel investigation of semirigid full-scale rotors operating at high advance ratios [with list of references cited]; by B. Charles and W. Tanner, Jan. 1969, cover title, [1]+xiii+85+[2] p. il. 4° (Contract DAAJ02-67-C-0061; Bell Helicopter Company, division of Bell Aerospace Company, Fort Worth, Tex.)

## ARMY MEDICAL SERVICE, Defense Dept. Washington, DC 20310

- 6462 Army residency program. [1969.] cover title, 29 p. il. 4° ‡ ● Item 351-A D 104.2: R 31/2/969
- 6463 Medical Department, Army: Internal medicine in World War II, v. 3, Infectious diseases and general medicine; editor in chief, Robert S. Anderson, editor for internal medicine, W. Paul Havens, jr. 1968. xxxi+778 p. il. (Office of Surgeon General.) [Prepared by Historical Unit. Some illustrations are colored. I.C. card number incorrectly given on verso of title page as 61-60042.] \* Cloth, \$8.25. ● Item 352-A D 104.11: In 8/v.3 L.C. card 61-62198
- 6464 U.S. Army Medical Research and Development Command, medical research support. Jan. 1969. cover title, 11 p. narrow 8° ‡ ● Item 351-A D 104.2: M 46/3

## ASSISTANCE PAYMENTS ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201

- 6465 AB & APTD, aid to blind or disabled people, ask your public welfare agency about AB and APTD. [1969.] [8] p. narrow 8° ‡ ● Item 512-B-2 FS 17.402: A1 2/969

‡For Sale by Clearinghouse, U.S. Department of  
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# GOVERNMENT PUBLICATIONS

## ATOMIC ENERGY COMMISSION Washington, DC 20545

AEC research and development reports.

Y 3.At 7: 22/letters-nos.

- 6466 AEC-tr-7003. Influence of interelectrode distance on stability of straight pinch in quadrupole high-frequency field [with bibliography; by] V. Ye. Morozov and D. V. Orlinskiy. Dec. 27, 1967. [2]+14 p. ll. 4° (Translation series; Division of Technical Information.) [Translated from report IAE-1486, Institute of Atomic Energy imeni I. V. Kurchatov Academy of Sciences, USSR.] ♦ Paper, \$3.00.
- 6467 COO-1183-20. Growth characteristics of type E Clostridium botulinum in temperature range 34° F to 50° F, annual report, Jan. 15, 1966-Apr. 30, 1967 [with list of references]. [Apr. 30, 1967.] cover title, 65 p. 47 p. of tab. 4° (Metal Division Research and Development, Continental Can Company, Chicago, Ill.) ♦ Paper, \$3.00.
- 6468 IDO-12065. 1967 CERT progress report, controlled environmental radio-iodine tests at National Reactor Testing Station, progress report 4, [with list of references]; J. D. Zimbrick and P. G. Vollleque, editors. Jan. 1969. ix+78 p. ll. 4° (Health Services Laboratory, Idaho Operations Office, Idaho Falls, Idaho.) ♦ Paper, \$3.00.
- 6469 ORO-3224-14. X-ray analysis using radioisotope sources, final report [with list of references; prepared by J. R. Rhodes]. Sept. 25, 1968. cover title, iv+127 p. ll. 4° (Texas Nuclear Corporation, Austin, Tex.; [contract AT-(40-1)-3224].) [Prepared for Division of Isotope Development.] ♦ Paper, \$3.00.
- 6470 TID-8200 (19th rev.). Nuclear reactors built, being built, or planned in United States as of Dec. 31, 1968; prepared by Office of Assistant General Manager for Reactors. [1969.] cover title, 34 p. 4° (Division of Technical Information.) ♦ Paper, \$3.00.
- 6471 TID-24779. Growth characteristics of type E Clostridium botulinum in temperature range of 34° to 50° F, annual report, June 29, 1964-Jan. 14, 1966 [with list of references]. Jan. 14, 1966. cover title, 68+[49] p. ll. 4° (Metals Division Research and Development, Continental Can Company, Inc., Chicago, Ill.; [contract AT(11-1) 1183.]) ♦ Paper, \$3.00.
- 6472 TID-24780. Physiological studies on Clostridium botulinum, type F, progress report, Mar. 1-Nov. 30, 1965; [by Nancy W. Walls]. [1969.] cover title, [8]+75 p. ll. 4° (Engineering Experiment Station, Georgia Institute of Technology, Atlanta, Ga.; contract AT-(40-1)-3347, project A-854.) ♦ Paper, \$3.00.
- 6473 TID-24781. Growth characteristics of type E Clostridium botulinum in temperature range of 34° to 50° F, annual report, June 29, 1965-June 28, 1964 [with list of references]. July 14, 1964. cover title, 55+[43] p. ll. 4° (Metal Division Research and Development, Continental Can Company, Inc., Chicago, Ill.; [contract AT(11-1) 1183.]) ♦ Paper, \$3.00.
- 6474 TID-24896. Glovebox window materials, glovebox fire safety application, 1969 [with bibliography]; prepared by [Staff] of Factory Mutual Research Corporation. [1969.] cover title, [50] p. ll. 4° ([Contract AT(11-1)-1393.]) ♦ Paper, 50c. ● Item 1051-C
- 6475 USBM-RC-1361. Topical report: Electrical resistivity of hyperstoichiometric zirconium carbide materials to 2,000° C [with list of references]; by D. L. Paulson and G. Asai. [1968.] cover title, [3]+82 leaves, ll. 4° (Work performed by Department of Interior, Bureau of Mines, Albany Metallurgy Research Center, Albany, Oreg.; contract AT (11-1)-599.) ♦ Paper, \$3.00.
- 6476 Nuclear power, new overview, remarks by Glenn T. Seaborg, Chairman, Atomic Energy Commission, before Southeastern Electric Exchange, Boca Raton, Fla., Mar. 25, 1969. 1969. 12 leaves, 4° (S-9-69.) †

Y 3.At 7: 34 Se 1/173

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# MAY 1969

- 6477 Nuclear science abstracts, cumulative report number index with public availability citations, v. 21-22 [Dec. 31, 1968]. [1969.] [3]+344 p. 4° (Division of Technical Information.) [Appendix A contains report codes with corporate listing.] \* Paper, \$3.25. ● Item 1051-A  
L.C. card 50-4390 Y 3.At 7: 16-2/21-22/ind.rp.
- 6478 Practical considerations in desalting and energy development and utilization, remarks [with list of references]; by James T. Ramey, Commissioner, U.S. Atomic Energy Commission at Symposium on Nuclear Desalination, Madrid, Spain, Nov. 18, 1968. 1968. [1] p.+16 leaves, 4° (S-51-68.) †  
Y 3.At 7: 34 R 14/18
- 6479 Remarks by James T. Ramey, Commissioner, Atomic Energy Commission at 25th anniversary luncheon, Los Alamos Scientific Laboratory, Los Alamos, N. Mex., Feb. 15, 1968. 1968. [1] p.+5 leaves, 4° (S-9-68.) †  
Y 3.At 7: 34 R 14/17
- 6480 U.S. programs and activities in nuclear desalting, remarks by Francesco Costagliola, Commissioner, Atomic Energy Commission, at XIV Nuclear Congress of Rome, Rome, Italy, Mar. 21, 1969. 1969. 8 leaves, 4° (S-8-69.) †  
Y 3.At 7: 34 C 82/2

## AVIATION MEDICINE OFFICE, Transportation Dept. Washington, DC 20553

### Aviation medical report AM (series).

- 6481 68-11. Pilot response to peripheral vision cues during instrument flying tasks [with bibliography; by] A. Howard Hasbrook and Paul E. Young. Feb. 1968. [4]+19+[2] p. il. 4° †  
TD 4.210: 68-11

## BONNEVILLE POWER ADMINISTRATION, Interior Dept. Portland, OR 97208

- 6482 1968 annual report, Federal Columbia River Power System. [1969.] [2]+60 p. il. 4° †  
L.C. card 46-26148 I 41.1: 968
- 6483 Ten-year hydro-thermal power program for Pacific Northwest. Jan. 1969. cover title, 56 p. il. 4° [Table of contents on p. 2 of cover.] †  
L.C. card 74-600947 I 44.12: 969

## BUSINESS AND DEFENSE SERVICES ADMINISTRATION, Commerce Dept., Washington, DC 20230

### Industry trend series.

- 6484 4. Paper manufacturing & printing. Mar. 1969. vi+57 p. il. 4° \* Paper, 60c.  
● Item 130-B C 41.90: 4
- 6485 Patterns of industrial growth: Shipments of anti-friction bearings, 1958-67. Jan. 1969. 4 p. 4° † Paper, 10c. C 41.90/5: B 38/958-67
- 6486 Plastics packaging, structure, growth patterns and prospects. Mar. 1969. iv+28 p. il. 4° \* Paper, 35c. ● Item 215  
L.C. card 72-601346 C 41.2: P 69/2
- 6487 Supplementary aluminum data, Aug. 1967, Oct. 12, 1967. 1 p. 4° (Aluminum and Magnesium Division.) †  
C 41.2: A1 8/5/967-2
- 6488 World motor vehicle production and registration, 1966-67. Dec. 1967. 6 p. 4° \* Paper, 10c. ● Item 215-Q  
L.C. card 66-60632 C 41.17: 966-67
- 6489 World motor vehicle production and registration, 1967-68. Mar. 1969. 8 p. 4° \* Paper, 10c. ● Item 215-Q C 41.17: 967-68

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GOVERNMENT PUBLICATIONS

CENSUS BUREAU, Commerce Dept.  
Suitland, MD 20233

- 6490 Amendments to Foreign trade statistics regulations, no. 3, Feb. 28, 1969. [16] p. 4° (Foreign Trade Division.) [Issued in looseleaf form.] † Paper, 50c. (including basic regulations and supplementary material for an indefinite period). ● Item 147 (Rev.) C 3.6: F 76/2/amdt.3
- 6491 Area reports, retail, selected services, wholesale, 1967 census of business [announcement and order form]. [1969.] [8] p. il. narrow 8° † C 3.202/14: 967
- 6492 Census Bureau methodological research, 1967, annotated list of papers and reports; [prepared in History and Research Reports Branch, Statistical Reports Division.] [Mar. 1969.] [4]+15 p. 4° \* Paper, 30c. ● Item 138  
L.C. card A 68-7966 C 3.163/4: M 56/967  
1967 census of business: Retail trade [area statistics] BC67-RA (series). [Preprint from v. 2, Retail trade, area statistics.] C 3.202/2: 967/(nos.)
- 6493 21. Maine. [Apr. 1969.] iv+40+[1] p. il. 4° \* Paper, 55c. ● Item 132-A-22
- 6494 47. Vermont. [Mar. 1969.] iv+32 p. il. 4° \* Paper, 50c. ● Item 132-A-48
- 6495 Current industrial reports: Construction machinery, 1967, Mar. 5, 1969, 18 p. 4° (Series MA-35D(67)-1.) † Paper, 25c. ● Item 142-A  
C 3.158: MA-35D(67)-1
- 6496 — Fans, blowers, and unit heaters, 1967, Mar. 3, 1969, 3 p. 4° (Series MA-35H(67)-1.) † Paper, 25c. ● Item 142-A  
C 3.158: MA-35H(67)-1
- 6497 — Iron and steel foundaries and steel ingot producers, summary for 1967, Feb. 17, 1969, [3]+16 p. 4° (Series M33A(67)-13.) † Paper, 15c. ● Item 142-A  
C 3.158: M 33A(67)-13
- 6498 — Manmade fiber broadwoven goods, summary for 1967, change sheet, Feb. 26, 1969, 1 p. 4° (Series M22T.2(67)-5.) † ● Item 142-A  
C 3.158: M22T.2(67)-5/ch.
- 6499 — Shipments of selected plastics products, 1967, Feb. 19, 1969, 6 p. 4° (Series MA-30D(67)-1.) † Paper, 25c. ● Item 142-A  
C 3.158: MA-30D(67)-1
- Current population reports: Series P-20, Population characteristics. \* Paper \$8.50 (including Series P-20, P-23, P-25, P-27, P-28 summaries, P-60, and P-65 for one year), \$2.50 additional for foreign mailing; single copy, prices vary. ● Item 142-C C 3.186: P-20/(nos.)
- 6500 180. Men with college degrees, Mar. 1967, Mar. 24, 1969 3 p. 4° \* Paper, 10c.
- Current population reports: Series P-60, Consumer income. \* Paper, \$8.50 (including Series P-20, P-23, P-25, P-27, P-28 summaries, P-60, and P-65 for one year), \$2.50 additional for foreign mailing; single copy, prices vary. ● Item 142-C C 3.186: P-60/(nos.)
- 6501 58. Year-round workers with low earnings in 1966, Apr. 4, 1969, cover title, il+18 p. il. 4° \* Paper, 20c.
- 6502 59. Income in 1967 of families in United States, Apr. 18, 1969, cover title, il+55+[1] p. 4° \* Paper, 60c.
- Financial management systems series, FMSS.
- 6503 3. Accounting. [1969.] cover title, 28 p. il. oblong 24° † C 3.243: 3
- Series ISP 3, New Florence, case study for 1970 censuses of population and housing. (International Statistical Training and Workshop Office.) † ● Item 146F C 3.205/3: 3/unit 1/chap(nos.)
- 6504 Unit 1. Action-oriented census program: Chap. 3, Initial decisions on census program; prepared by Edward P. Swan, Feb. 1969, cover title, i+21 p. il. 4° [Preliminary.]
- 6505 Unit 1. Action-oriented census program: Chap. 5, Census concepts [with selected list of references]; prepared by Edward C. Davenport, Feb. 1969, cover title, i+39 p. 4° [Preliminary.]
- 6506 Unit 1. Action-oriented census program: Chap. 7, Pretesting; prepared by G. Paul Sylvestre, Feb. 1969, cover title, [1]+21 p. 4° [Preliminary.]

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State and local government special studies, GSS (series).

- 6507 51. Criminal justice expenditure and employment for selected large governmental units, 1966-67; [prepared in Governments Division]. [Mar. 1969.] [3] +36 p. 4° \* Paper, 45c. • Item 148-A  
L.C. card A68-7961 C 3.145: 51
- 6508 United States foreign trade summary report FT 810: Bunker oil and coal laden in United States on vessels engaged in foreign trade, calendar year 1968. Mar. 11, 1969. [2] p. 4° † Paper, 10c. • Item 144  
C 3.164: 810/968-13
- 6509 United States gold and silver movements, 1968. [Mar. 6, 1969.] [2]+5 p. 4° (FT 2402; [Foreign Trade Division].) † Paper, 10c. • Item 144  
C 3.196/3: 968

**CHILDREN'S BUREAU, Health, Education, and Welfare Dept.  
Washington, DC 20201**

Publication.

- 6510 464. Social services for children and families in your State. [1969.] cover title, [2]+29 p. ll. 12° \* Paper, 25c. • Item 453  
L.C. card 77-601358 FS 17.210: 464
- 6511 Research relating to children, current and recently completed studies on growth and development, personality and adjustment, educational process, exceptional children, child in family, socioeconomic and cultural factors, social services, health factors, Jan.-Aug. 1968. [1969.] iv+161 p. 4° (Bulletin 23; Clearinghouse for Research in Child Life.) \* Paper, \$1.75. • Item 453-A FS 17.211: 23

**CIVIL AERONAUTICS BOARD  
Washington, DC 20428**

- 6512 Address by John H. Crooker, Jr., Chairman of Civil Aeronautics Board before Air Transportation and Medium Hub Seminar University of South Florida, Tampa, Fla., Mar. 27, 1969. 1969. 8 p. 4° † C 31.215: C 87/6
- 6513 Uniform system of accounts and reports for certificated air carriers in accordance with sec. 407 of Federal aviation act, current loose leaf edition June 1, 1961, as amended through Jan. 1, 1969. [1969.] [1]+ix+144 p. 4° [Text on p. 2 of cover. Includes transmittal sheet 1. Issued with marginal index tabs, on blank cardboards showing titles.] \* Paper, \$4.00 (including basic manual and supplementary service for an indefinite period); \$1.00 additional for foreign mailing. • Item 816  
C 31.206/5: 961/rev.969

**CIVIL DEFENSE OFFICE (Army), Defense Dept.  
Washington, DC 20310**

- 6514 Federal civil defense guide: pt. G, chap. 1, app. 2, annex 1, Example of local government civil defense emergency plan for municipality of approximately 20,000 population. June 1968. 62 p. ll. 7 maps, 4° [Issued in looseleaf form.] † • Item 320-B-3  
D 119.8/4: pt.G/chap.1/app.2/annex 1
- FG (series).
- 6515 F-3.8. Guide to developing company industrial civil defense manual. Apr. 1969. cover title, iv+204 p. ll. 4° † • Item 320-B-3 D 119.8/3: F-3.8
- [Handbook] H (series).
- 6516 12-1. Home fallout shelter, outside concrete shelter. Jan. 1969. 6 p. ll. 4° † • Item 857-D-10 D 119.8/2: 12-1
- Miscellaneous publication MP (series). † • Item 857-D-11  
D 119.11: (nos.)
- 6517 9. Civil defense display catalog exhibits. Jan. 1969. cover title, vi+40 p. ll. oblong 12° [Supersedes MP-9, July 1965.]
- 6518 20. Publications index. Mar. 1969. x+88 p. ll. 4° [Issued with perforations. Supersedes MP-20, Apr. 1965.]  
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# GOVERNMENT PUBLICATIONS

## CIVIL SERVICE COMMISSION Washington, DC 20415

- 6519 Amendment to announcement WA-6-06 (local) trades and crafts, equipment operation and repair, blue collar helper. Mar. 25, 1969. 1 p. 4° (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) †  
CS 1.26/4: 966/WA-6-06/amdt.-3
- 6520 Civil service retirement system: Survivor benefits for children. Jan. 1969. 12 p. narrow 8° (BRI 49-293; Bureau of Retirement, Insurance, and Occupational Health.) † ● Item 295 CS 1.2: Su 7/6
- 6521 Engineers, scientists, and related professions, mathematics, statistics, entrance levels, GS-5, GS-7, Federal career opportunities in installations throughout United States, announcement 415. Revised Mar. 1969. [1969.] 8 p. 4° [No written test.] † ● Item 292 CS 1.26: 967/415/rev.
- 6522 Federal careers for journeymen in printing crafts, salaries depend upon printing speciality, pay ranges from \$4.64 to \$5.27 an hour (approximate rates), applications continuously accepted by Interagency Board of U.S. Civil Service Examiners for Washington, D.C. 1900 E Street NW, Washington, D.C., announcement WAW-903. Apr. 8, 1969. cover title, [2]+22 p. il. 4° † ● Item 292 CS 1.26/4: 969/WAW-903
- 6523 Opportunities to learn trade as apprentice, mechanical trades in Washington, D.C. metropolitan area, \$2.47 per hour, announcement WA-7-12 (local). May 9, 1967, revised Apr. 1969. [1969.] 8 p. il. 4° (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) † ● Item 292 CS 1.26/4: 967/WA-7-12/rev.
- 6524 Prepare yourself for postal examination, mail handler, distribution clerk, mail carrier, AN 2450-R; [prepared by Personnel Measurement Research and Development Center, Standards Division, Bureau of Policies and Standards]. Feb. 1969. cover title, 129 p. il. 4° \*Paper, \$1.25. ● Item 292 CS 1.28: 2450-R

## CIVIL WAR CENTENNIAL COMMISSION Washington, DC 20006

- 6525 Civil War Centennial, report to Congress. 1968. [5]+69 p. il. [Includes centennial bibliography.] \*Cloth, \$2.25. ● Item 1053-A  
L.C. card 73-601349 Y 3.C 49/2: 1/968

## COAST AND GEODETIC SURVEY, Commerce Dept. Washington, DC 20230

- Antarctic traverse (series)
- 6526 5. Magnetic results, South Pole-Queen Maud Land Traverse 1, 1964-65 [with list of references]; by Norman Peddie. [1968.] [3]+7 p. il. 4° †  
C 4.56: 5
- 6527 Coast and Geodetic Survey catalog of aeronautical charts and related publications. Apr. 1969. [2] p. oblong f° into narrow 8° size. †  
C 4.50: Ae 8/969-2
- Publication.
- 6528 10-3. Prince William Sound, Alaska, earthquake of 1964 and aftershocks; [v. 3, Research studies and interpretive results, geodesy and photogrammetry; pt. A, Geodesy, pt. B, Photogrammetry]; Louis E. Lelpold, editor-in-chief. 1969. xix+161 p. il. 1 pl. 4° [Illustrated lining papers.] \*Cloth, \$4.25. ● Item 193  
L.C. card 66-60055 C 4.19/2: 10-3/v.3
- Special publication.
- 6529 282. Earthquake investigation in United States; [by Jerry I. Coffman]. Revised edition. [1969.] iv+58 p. il. 12° [Includes list of seismological publications of National Earthquake Information Center.] \*Paper, 35c. ● Item 193  
L.C. card 25-26362 C 4.19: 282/6

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- 6530 3d supplement to United States coast pilot 3, Atlantic Coast, Sandy Hook to Cape Henry, 8th (May 14, 1966) edition; Jan. 4, 1969. [1969.] [25] p. 4° [Changes reported to C&GS from date of edition through Notice to mariners 1 of Jan. 4, 1969.] † ● Item 203  
L.C. card 54-61674 C 4.6/1: 3/8/supp.3
- 6531 5th supplement to United States coast pilot 4, Atlantic Coast, Cape Henry to Key West, 7th (Mar. 21, 1964) edition; Jan. 4, 1969. [1969.] 40 p. 4° [Changes reported to C&GS from date of edition through Notice to mariners 1 of Jan. 4, 1969.] † ● Item 203  
L.C. card 58-47176 C 4.6/1: 4/7/supp.5
- 6532 Tide tables, high and low water predictions, west coast of North and South America, including Hawaiian Islands, 1970. 1969. 226 p. il. [Index map of tide table coverage on p. 2 of cover. Includes list of publications relating to tides and tidal currents.] † Paper, \$2.00 ● Item 199  
L.C. card 48-47037 C 4.15/5: 970
- 6533 United States earthquakes 1936-40. [1969.] [332] p. il. 5 pl. ([Serials 610, 619, 629, 637 and 647.]) [Reissued by National Earthquake Information Center.] \* Paper, \$2.25. ● Item 208 C 4.25/2: 936-40

## COAST GUARD, Transportation Dept. Washington, DC 20591

- 6534 Boating statistics, 1968. [1969.] cover title, [4]+79 p. il. 4° (CG-357.) †  
● Item 941-A  
L.C. card 68-61293 TD 5.11: 968
- Civil engineering report. (Civil Engineering Division, Office of Engineering.)
- 6535 39. Range design. [Aug. 9, 1967.] cover title, [4] leaves+28+a-c p. 15 pl. 3 tab. 4° (CG 250-39.) [Issued with perforations.] †  
TD 5.22: 39
- 6536 Light list: v. 2, Atlantic and Gulf Coast, Little River, S.C. to Rio Grande, Tex., and Antilles, 7th and 8th Coast Guard districts. Mar. 1, 1969. xxv+500+[4] p. il. 4° (CG-160.) [Publication contains list of lights, fog signals, buoys, daybeacons, lightships, radiobeacons, and loran stations. Includes Notice to mariners 9, 1969. Some illustrations are colored. Map on p. 2 of cover.] \* Paper, \$4.75. ● Item 936  
L.C. card 66-61291 TD 5.9: v.2/969
- 6537 Overloading and improper loading. Aug. 1968. [4] p. il. (B-1; Boating Safety Division.) † ● Item 934 TD 5.2: Ou 2

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NOTE.—Requests to the Commerce Department for publications should give the full title and the date of the publication. Do not include Monthly Catalog entry numbers or Superintendent of Documents classification numbers, which should be used only when ordering from the Superintendent of Documents.

- 6538 Address by Secretary of Commerce Maurice H. Stans, prepared for delivery to 20th annual meeting of American Textile Manufacturers Institute, Hollywood Beach, Fla., Mar. 22, 1969. 1969. 16 p. 4° (USCOMM-DC-25434.) †  
C 1.18: St 2
- 6539 How to sell to Department of Commerce. [Feb. 1969.] [12] p. il. oblong 24° ● Item 128-A C 1.8/3: Se 4
- Overseas business reports OBR (series). [Issued irregularly.] \* Paper, \$16.00 a yr., \$5.00 additional for foreign mailing; single copy, 15c. (1-3 yr. subs.). ● Item 231-B C 1.50: (nos.)
- 6540 68-95. Basic data on economy of Bermuda Islands [with bibliography]; prepared by Lawrence J. Comella. Nov. 1968. 6 p. il. 4° (International Commerce Bureau.) [Issued with perforations.]
- 6541 69-5. Use of market share reports, commodity report on air-conditioning machines. 8 p. il. 4° (Bureau of International Commerce.) [Issued with perforations.]

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### Overseas business reports OBR (series)—Continued

- 6542 69-6. Use of market share reports, country report on Italy. Mar. 1969. 8 p. il. 4°  
(Bureau of International Commerce.) [Issued with perforations.]
- 6543 69-7. Latin American economic integration, implications for U.S. business; prepared by Barbara K. Green and Richard P. Rice. Apr. 1969. 14 p. il. 4°  
(Bureau of International Commerce.) [Issued with perforations.]
- 6544 State technical services, helping business & industry through science and technology. [1969.] [10] p. 8° † C 1.2: St 2/9
- 6545 Summary of remarks by Secretary of Commerce Maurice H. Stans, Business Council, Washington, D.C., Friday, Mar. 21 [1969.] [1969.] 3 p. 4° † C 1.18: St 2/2
- 6546 Text of remarks by Secretary of Commerce Maurice H. Stans, prepared for delivery at a ceremony marking Commerce Department's 100th overseas commercial exhibition, U.S. Department of Commerce lobby, Mar. 24, 1969. [1969.] 3 p. † C 1.18: St 2/3

### COMMERCIAL FISHERIES BUREAU, Interior Dept. Washington, DC 20240

#### Circular.

- 6547 294. Bottom trawl explorations in Lake Superior, 1963-65 [with list of literature cited]; by Norman J. Reigle, jr. Jan. 1969. [2] leaves+25 p. il. 4° †  
● Item 609 I 49.4: 294  
L.C. card 73-601531 I 49.4: 294

#### Fishery leaflets. †

I 49.28: (nos.)

- 6548 618. Partial list of fishing boat builders; prepared by Branch of Exploratory Fishing, Nov. 1968. iii+12 p. 4° ● Item 611-D
- 6549 619. Alaska's fishery resources, pink salmon; by Jack E. Bailey. Mar. 1969. iv+8 p. il. 4° [Includes list of publications on pink salmon.] ● Item 611-D
- 6550 623. Recent advances in artificial culture of salmon and steelhead trout of Columbia River [with list of literature cited]; by Fred Cleaver. Mar. 1969. [1]+iii+5 p. il. 4° ● Item 611-D

#### Special scientific report: Fisheries. ● Item 614-B

- 6551 578. Hydrological conditions in Clear Lake, Tex., 1958-66 [with list of literature cited]; by Edward J. Pullen. Jan. 1969. iii+8 p. il. 4° †  
I 49.15/2: 578

### COMMODITY EXCHANGE AUTHORITY, Agriculture Dept. Washington, DC 20250

Futures trading and open contracts in frozen concentrated orange juice [on Citrus Associates of New York Cotton Exchange]. [Daily, except Saturdays, Sundays, and legal holidays.] † Commodity Exchange Authority, 61 Broadway, Room 2101, New York, NY 10006 A 85.11/8: (nos.)

- 6552 No. 1— Jan. 20, 1969—

### COMMUNITY RELATIONS SERVICE, Justice Dept. Washington, DC 20004

NOTE.—The Community Relations Service was transferred from the Commerce Department to the Justice Department by Reorganization Plan 1 of 1966, effective April 22, 1966.

- 6553 1968 annual report of Community Relations Service. [1969.] [3]+28 p.  
\* Paper, 25c. ● Item 208-A  
L.C. card 66-61141 J 23.1: 968

## CONGRESS

Congressional record, proceedings and debates of 90th Congress, 1st session, v. 113. [Permanent edition.] 1967.

- 6554 pt. 28. Index, Jan. 10-Dec. 15, 1967. 2633 p. 4° [Includes history of bills and resolutions, issued with printed marginal index tabs on blank cardboards.] \* Cloth, \$9.50. ● Item 993  
L.C. card 12-36438 X.90/1: 113/pt.28

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



- 6555 Official congressional directory for use of Congress, 91st Congress, 1st session, beginning Jan. 3, 1969. 1969. [2]+xxx+1025 p. il. [Compiled under direction of Joint Committee on Printing.] \* Cloth, \$4.00; with thumb index, \$5.50. ● Item 992  
L.C. card 6-35330 Y 4.P 93/1: 1/91-1

United States Code, 1964 edition, supp. 3, containing general and permanent laws of United States enacted during 89th and 90th Congress, 1st session, Jan. 4, 1965-Jan. 14, 1968; prepared by Committee on Judiciary of House of Representatives.

- 6556 v. 2. Title 31, Money and finance, to title 50, War and national defense. Tables and general index 1968. xxvi+1683-3365 p. large 8° \* Cloth, \$10.50. ● Item 991  
L.C. card 65-61024 Y 4.J 89/1: Un 3/3/964/supp.3/v.2

United States Code, 1964 edition, supp. 4, containing general and permanent laws of United States, enacted during 89th Congress and 90th Congress, Jan. 4, 1965-Jan. 2, 1969; prepared by Committee on Judiciary of House of Representatives.

- L.C. card 65-61024 Y 4.J 89/1: Un 3/3/964/supp.4/v.1  
6557 v. 1. Title 1, General provisions, to title 21, Food and drugs. 1969. xxix+1482 p. large 8° \* Cloth, \$12.25 ● Item 991

### Congressional serial set

NOTE.—During each session of Congress the House and Senate documents and reports are accumulated into bound volumes comprising the Congressional serial set. No catalog entry is made for the volumes of the Serial set since the documents and reports contained therein have been previously listed in the Monthly catalog. The following bound volumes were sent to depository libraries during the period of this catalog:

#### House documents:

- 6558 nos. 354-497, with exceptions, 89th Congress, 2d session, House miscellaneous documents II [Serial 12724-2]. ● Item 995-G  
no. 292, 90th Congress, 2d session, Proposing new wilderness areas, pts. 1-15 [Serial 12808-3]. ● Item 995-G  
6560 no. 34, 91st Congress, 1st session, Building the American city [Serial 12852-1]. ● Item 995-G

### Laws

NOTE.—The Federal laws are first published separately and in this form are known as "slip laws". Later, these laws are compiled, edited, indexed, and published in the volumes of the Statutes at large.

#### Public laws, 91st Congress. ● Item 575

NOTE.—Public laws in slip form in the first prints may be obtained from the Superintendent of Documents, Washington, D.C. 20402, at a subscription price of \$20.00 per session, \$5.00 additional for foreign mailing; single copies vary in price.

- 6561 1. H.R. 10, act to increase per annum rate of compensation of President of United States. Approved Jan. 17, 1969. 1 p. \* Paper, 5c.  
6562 2. H.J. Res. 414, joint resolution making supplemental appropriation for fiscal year ending June 30, 1969, and for other purposes. Approved Feb. 9, 1969. 1 p. \* Paper, 5c.  
6563 3. S. 17, act to amend Communications satellite act of 1962 with respect to election of board of directors of Communications Satellite Corporation. [Approved Mar. 12, 1969.] 2 p. \* Paper, 5c.

### ATOMIC ENERGY JOINT COMMITTEE Washington, DC 20515

- 6564 Current membership of Joint Committee on Atomic Energy, membership, publications, and other pertinent information through 90th Congress, 2d session, Feb. 1969. 1969. v+68 p. (Joint Committee print, 91st Congress, 1st session.) ‡  
L.C. card 58-60740 Y 4.At 7/2: M 51/969

### ECONOMIC JOINT COMMITTEE Washington, DC 20510

- 1969 economic report of the President, hearings, 91st Congress, 1st session.  
6565 pt. 2. Feb. 17-24, 1969. 1969. iv+281-536 p. il. \* Paper, \$1.00. ● Item 1000  
L.C. card 71-600713 Y 4.Ec 7: Ec 7/2/969/pt.2

‡For Sale by Clearinghouse, U.S. Department of  
Commerce, Springfield, Va. 22151  
●Sent to Depository Libraries

# GOVERNMENT PUBLICATIONS

- 6566 On linking reserve creation and development assistance, staff study prepared [by John R. Karlik] for use of Subcommittee on International Exchange and Payments, Apr. 1969. 1969. v+14 p. (Joint committee print, 91st Congress, 1st session.) \* Paper, 15c. ● Item 1000  
L.C. card 70-601391 Y 4.Ec 7: R 31
- 6567 Public facility requirements over next decade, hearings before Subcommittee on Economic Progress, 90th Congress, 2d session, Dec. 3 and 4, 1968. 1969. iii+130 p. \* Paper, 55c. ● Item 1000  
L.C. card 76-601103 Y 4.Ec 7: P 96/2
- 6568 Review of balance of payments policies, hearings before Subcommittee on International Exchange and Payments, 91st Congress, 1st session, Jan. 13-15, 1969. 1969. v+257 p. \* Paper, \$1.00. ● Item 1000  
L.C. card 71-601256 Y 4.Ec 7: P 29/9

## HOUSE OF REPRESENTATIVES Washington, DC 20515

### House documents

NOTE.—All House documents, entries for which are followed by a †, may be obtained from the House Document Room or from the issuing office.

#### House documents, 90th Congress.

- 6569 182. Laws of United States relating to improvement of rivers and harbors [Aug. 11, 1790–Nov. 8, 1968], letter from Secretary of Army, transmitting compilation; Nov. 15, 1967. 1968. xxix+2621-4189 p. † (Sent to depository libraries in Serial set binding.)

#### House documents, 91st Congress. ● Item 996

- 6570 40. Retirement test under social security, letter from Secretary of Health, Education, and Welfare, transmitting report resulting from study of retirement test pursuant to Public law 90-248, Social security amendments of 1967; Jan. 9, 1969. 1969. ix+27 p. ll. †  
L.C. card 74-600249
- 6571 47. Annual report of Federal Supplementary Medical Insurance Trust Fund, letter transmitting 1969 annual report; Jan. 16, 1969. 1969. v+30 p. †
- 6572 48. United States-Japan cooperative medical science program, message from President of United States transmitting 2d annual report; Jan. 16, 1969. 1969. iii+11 p. †
- 6573 52. Annual report of activities of National Advisory Council on International Monetary and Financial Policies, letter from Secretary of Treasury transmitting report on policies and operations, July 1, 1967–June 30, 1968; Jan. 17, 1969. 1969. ix+150 p. †
- 6574 72. International Labor Organization's recommendations on minimum age for employment underground in mines, letter from Assistant Secretary for Congressional Relation, Department of State, transmitting text of ILO convention no. 123 and recommendations no. 124 concerning admission to employment underground in mines, adopted by International Labor Conference at its 49th session, at Geneva on June 22, 1965, also excerpts from letter of Oct. 30, 1967, from Secretary of Labor W. Willard Wirtz to Secretary of State Dean Rusk; Feb. 17, 1969. 1969. iii+9 p. †
- 6575 74. Antipoverty programs, message from President of United States transmitting information regarding proposed action relative to administration of Head Start and Job Corps programs. Feb. 19, 1969. 6 p. †
- 6576 76. Department of Agriculture appropriations, [fiscal years] 1969 and 1970. Feb. 20, 1969. 2 p. †
- 6577 78. Electoral college reform, message from President of United States transmitting recommendations for electoral reform. Feb. 24, 1969. 2 p. †
- 6578 79. Public debt ceiling, message from President of United States transmitting recommendations to revise statutory ceiling on public debt. Feb. 24, 1969. 3 p. †
- 6579 81. Postal system reform, message from President of United States transmitting proposals and recommending enactment of legislation for postal reform. Feb. 25, 1969. 3 p. †
- 6580 84. Financial condition and results of operations of Highway trust fund, fiscal year 1968, letter from Secretary of Treasury transmitting 13th annual report; Mar. 3, 1969. 1969. iii+9 p. †  
L.C. card 58-60708
- 6581 85. Amendments to budget and proposed supplemental appropriations. Mar. 4, 1969. 6 p. †
- 6582 86. Legislation on safety of coal miners, message from President of United States transmitting notifications of actions taken, and urging adoption of legislation, relative to the health and safety of coal mine workers. Mar. 4, 1969. 3 p. †
- 6583 88. Examination of financial statements. Commodity Credit Corporation, fiscal year 1968, letter from Comptroller General transmitting report; Mar. 12, 1969. 1969. vi+50 p. ll. 4° †

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available



## MAY 1969

- 6584 89. Annual report of Federal activity, message from President of United States transmitting annual report of Federal activity under authority of Federal disaster act, pursuant to provisions of sec. 8 of the act. Mar. 24, 1969. 3 p. †
- 6585 90. Audit of Federal Crop Insurance Corporation, fiscal year 1968, letter from Comptroller General, transmitting audit; Mar. 20, 1969. 1969. iv+24 p. 4<sup>o</sup> †
- 6586 92. Income tax surcharge, message from President of United States transmitting notification of proposals to be submitted to Congress relative to reduced spending and maintaining revenues. Mar. 26, 1969. 3 p. †
- 6587 93. Audit of Saint Lawrence Seaway Development Corporation, calendar year 1967, letter from acting Comptroller General, transmitting report of audit of financial statements; Mar. 26, 1969. 1969. vi+33 p. 4<sup>o</sup> †
- 6588 94. Budget amendments and supplemental appropriations, 1969 and 1970. Mar. 27, 1969. 20 p. †

### House reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

House reports on private bills, 91st Congress. † House Document Room, Capitol. ● Item 1008-B

- 6589 56. John T. Knight. Report from Committee on Judiciary to accompany H.R. 1507. Mar. 12, 1969. 8 p.
- 6590 57. Mutual Benefit Foundation. Report from Committee on Judiciary to accompany H.R. 2214. Mar. 12, 1969. 6 p.
- 6591 58. John Thomas Cosby, jr. Report from Committee on Judiciary to accompany H.R. 2275. Mar. 12, 1969. 3 p.
- 6592 59. William J. Hurley. Report from Committee on Judiciary to accompany H.R. 1721. Mar. 12, 1969. 5 p.
- 6593 60. Enrico DeMonte. Report from Committee on Judiciary to accompany H.R. 2335. Mar. 12, 1969. 5 p.
- 6594 61. Beasley Engineering Co., Inc. Report from Committee on Judiciary to accompany H.R. 2876. Mar. 12, 1969. 10 p.
- 6595 62. Henry E. Dooley. Report from Committee on Judiciary to accompany H.R. 2940. Mar. 12, 1969. 5 p.
- 6596 63. Solomon S. Levadi. Report from Committee on Judiciary to accompany H.R. 3213. Mar. 12, 1969. 6 p.
- 6597 64. Frank Kleinerman. Report from Committee on Judiciary to accompany H.R. 3377. Mar. 12, 1969. 5 p.
- 6598 65. Estate of Pierre Samuel du Pont Darden. Report from Committee on Judiciary to accompany H.R. 3348. Mar. 12, 1969. 5 p.
- 6599 66. Sfe. Patrick Marrato. Report from Committee on Judiciary to accompany H.R. 3379. Mar. 12, 1969. 5 p.
- 6600 67. New Bedford Storage Warehouse Co. Report from Committee on Judiciary to accompany H.R. 3480. Mar. 12, 1969. 3 p.
- 6601 68. Harvey E. Ward. Report from Committee on Judiciary to accompany H.R. 3990. Mar. 12, 1969. 8 p.
- 6602 69. Pedro Irlzarry Guido. Report from Committee on Judiciary to accompany H.R. 5000. Mar. 12, 1969. 10 p.
- 6603 70. Reddick B. Still, jr., and Richard Carpenter. Report from Committee on Judiciary to accompany H.R. 6400. Mar. 12, 1969. 4 p.
- 6604 71. American Journal of Nursing. Report Committee on Judiciary to accompany H.R. 6583. Mar. 12, 1969. 4 p.
- 6605 72. Corbie F. Cochran, jr. Report from Committee on Judiciary to accompany H.R. 6584. Mar. 12, 1969. 7 p.
- 6606 73. Mr. and Mrs. A. F. Elgin. Report from Committee on Judiciary to accompany H.R. 6585. Mar. 12, 1969. 8 p.
- 6607 74. Noel S. Marston. Report from Committee on Judiciary to accompany H.R. 6378. Mar. 12, 1969. 8 p.
- 6608 82. Basil Rowland Duncan. Report from Committee on Judiciary to accompany S. 165. Mar. 18, 1969. 8 p.
- 6609 83. Nguyen Van Hue. Report from Committee on Judiciary to accompany S. 556. Mar. 18, 1969. 6 p.
- 6610 84. Cosmina Ruggiero. Report from Committee on Judiciary to accompany H.R. 1437. Mar. 18, 1969. 6 p.
- 6611 85. Al Bok Chun. Report from Committee on Judiciary to accompany H.R. 1708. Mar. 18, 1969. 5 p.
- 6612 86. Mrs. Marjorie J. Hottenroth. Report from Committee on Judiciary to accompany H.R. 1939. Mar. 18, 1969. 5 p.
- 6613 87. Mario Santos Gomes. Report from Committee on Judiciary to accompany H.R. 1960. Mar. 18, 1969. 6 p.
- 6614 88. Josefina Pollcar Abutan Fullar. Report from Committee on Judiciary to accompany H.R. 2315. Mar. 18, 1969. 6 p.
- 6615 89. Maria Prescilla Caramanzana. Report from Committee on Judiciary to accompany H.R. 2948. Mar. 18, 1969. 6 p.
- 6616 90. Sung Nan Lee. Report from Committee on Judiciary to accompany H.R. 3144. Mar. 18, 1969. 7 p.
- 6617 91. Lee Ok Ja. Report from Committee on Judiciary to accompany H.R. 3212. Mar. 18, 1969. 4 p.

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Page 17

# GOVERNMENT PUBLICATIONS

## House reports on private bills—Continued

- 6618 92. Maria Balluardo Frasca. Report from Committee on Judiciary to accompany H.R. 3464. Mar. 18, 1969. 8 p.
- 6619 93. Dr. Angela Zabarte Fandino. Report from Committee on Judiciary to accompany H.R. 3539. Mar. 18, 1969. 4 p.
- 6620 94. Dr. Roberto de la Caridad Miquel. Report from Committee on Judiciary to accompany H.R. 3548. Mar. 18, 1969. 5 p.
- 6621 95. Ana Mae Yap-Diango. Report from Committee on Judiciary to accompany H.R. 4064. Mar. 18, 1969. 6 p.
- 6622 96. Demetroula Georgiades. Report from Committee on Judiciary to accompany H.R. 5072. Mar. 18, 1969. 7 p.
- 6623 97. Zumrut Sooley. Report from Committee on Judiciary to accompany H.R. 5402. Mar. 18, 1969. 7 p.
- 6624 98. Christopher Sloane (Bosmos). Report from Committee on Judiciary to accompany H.R. 6161. Mar. 18, 1969. 7 p.
- 6625 99. Dr. Olga Concepcion Perez de Lanio. Report from Committee on Judiciary to accompany H.R. 6896. Mar. 18, 1969. 3 p.
- 6626 102. Elisabeta Horwath. Report from Committee on Judiciary to accompany H.R. 2464. Mar. 19, 1969. 4 p.
- 6627 103. Anna Del Baglivo. Report from Committee on Judiciary to accompany H.R. 4546. Mar. 19, 1969. 5 p.
- 6628 104. Mrs. Aranka Milnko. Report from Committee on Judiciary to accompany H.R. 6366. Mar. 19, 1969. 3 p.
- 6629 105. Teresina Fara. Report from Committee on Judiciary to accompany H.R. 6670. Mar. 19, 1969. 3 p.
- 6630 106. Giuseppe De Stefano. Report from Committee on Judiciary to accompany H.R. 6931. Mar. 19, 1969. 4 p.
- 6631 115. Romeo de la Torre Sanano and his sister, Julieta de la Torre Sanano. Report from Committee on Judiciary to accompany H.R. 1632. Mar. 25, 1969. 6 p.
- 6632 116. Lourdes M. Arrant. Report from Committee on Judiciary to accompany H.R. 2005. Mar. 25, 1969. 6 p.
- 6633 117. William John Moher. Report from Committee on Judiciary to accompany H.R. 2218. Mar. 25, 1969. 5 p.
- 6634 118. Adela Durda. Report from Committee on Judiciary to accompany H.R. 2336. Mar. 25, 1969. 6 p.
- 6635 119. John Vincent Amlrault. Report from Committee on Judiciary to accompany H.R. 2552. Mar. 25, 1969. 9 p.
- 6636 120. Lee, In Sook. Report from Committee on Judiciary to accompany H.R. 3040. Mar. 25, 1969. 3 p.
- 6637 121. Yuka Awamura. Report from Committee on Judiciary to accompany H.R. 5067. Mar. 25, 1969. 8 p.
- 6638 122. Pagoni Anomerianaki. Report from Committee on Judiciary to accompany H.R. 5133. Mar. 25, 1969. 4 p.
- 6639 123. Elizabeth Schofield. Report from Committee on Judiciary to accompany H.R. 5134. Mar. 25, 1969. 4 p.
- 6640 124. George Tilson Weed. Report from Committee on Judiciary to accompany H.R. 5136. Mar. 25, 1969. 8 p.
- 6641 125. Confer U.S. citizenship posthumously upon Klaus Josef Strauss. Report from Committee on Judiciary to accompany H.R. 6607. Mar. 25, 1969. 3 p.
- 6642 126. Charles Richard Scott. Report from Committee on Judiciary to accompany H.R. 7160. Mar. 25, 1969. 9 p.

## House reports on public bills, 90th Congress. † House Document Room, Capitol. ● Item 1008-A

- 6643 1820. Disposition of executive papers. Report from Joint Committee on Disposition of Executive Papers. July 30, 1968. 2 p.
- 6644 1976. Improved manpower management in Federal Government, examples for period Jan.-June 1968. Subcommittee on Manpower and Civil Service of Committee on Post Office and Civil Service, 90th Congress, 2d session; Dec. 5, 1968. 1968. xii+27 p.
- 6645 1978. Allocation of radio frequency and its effect on small business. Report of Subcommittee no. 5 to Select Committee on Small Business, 90th Congress, 2d session, pursuant to H. Res. 53; Dec. 23, 1968. 1968. ix+37 p. L.C. card 74-600596
- 6646 1980. Use of games of chance in gasoline marketing and their impact upon small business. Report of Subcommittee no. 5 to Select Committee on Small Business, 90th Congress, 2d session, pursuant to H. Res. 53; Dec. 24, 1968. 1968. ix+44 p. L.C. card 76-600603

## House reports on public bills, 91st Congress. † House Document Room, Capitol. (No. 142 is sold by Superintendent of Documents.) ● Item 1008-A

- 6647 17. Authorizing investigations by Committee on Agriculture. Report from Committee on Rules to accompany H. Res. 127. Feb. 18, 1969. 2 p.
- 6648 18. Authorizing Committee on Merchant Marine and Fisheries to conduct certain studies and investigations. Report from Committee on Rules to accompany H. Res. 131. Feb. 18, 1969. 1 p.

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# MAY 1969

- 6649 19. Authorizing Committee on Foreign Affairs to conduct full and complete investigation of matters relating to laws, regulations, directives, and policies including personnel pertaining to Department of State and such other departments and agencies engaged primarily in implementation of U.S. foreign policy and overseas operations, personnel, and facilities of departments and agencies of United States which participate in development and execution of such policy. Report from Committee on Rules to accompany H. Res. 143, Feb. 18, 1969, 1 p.
- 6550 20. Authorizing Committee on Banking and Currency to conduct full and complete investigations and studies of all matters within its jurisdiction under rules of House or laws of United States. Report from Committee on Rules to accompany H. Res. 152, Feb. 18, 1969, 1 p.
- 6651 21. Authorizing Committee on Public Works to conduct studies and investigations within jurisdiction of such committee. Report from Committee on Rules to accompany H. Res. 159, Feb. 18, 1969, 2 p.
- 6652 22. Authorize Committee on Science and Astronautics to conduct studies and investigations and make inquiries with respect to aeronautical and other scientific research and development and outer space. Report from Committee on Rules to accompany H. Res. 192, Feb. 18, 1969, 1 p.
- 6653 23. Authorizing Committee on Education and Labor to conduct certain studies and investigations. Report from Committee on Rules to accompany H. Res. 200, Feb. 18, 1969, 1 p.
- 6654 24. COMSAT board of directors. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 4214, Feb. 18, 1969, 7 p.
- 6655 26. Amend sec. 301 Manpower development and training act. Report from Committee on Education and Labor to accompany H.R. 407, Feb. 25, 1969, 3 p.
- 6656 27. Salary adjustment for Vice President and certain officers of Congress. Report from Committee on Post Office and Civil Service to accompany H.R. 7206, Feb. 25, 1969, 5 p.
- 6657 29. Postal systems of United States Armed Forces, Europe, 1968. [Report from] Committee on Post Office and Civil Service; Mar. 6, 1969, 1969 III+13 p.
- 6658 30. Report of special study mission to East and Southeast Asia, comprising Edward R. Roybal, [and other members] pursuant to H. Res. 179, 80th Congress, Mar. 6, 1969, 1969, IX+29 p.
- 6659 31. Increasing participation of United States in International Development Association. Report together with supplemental views, from Committee on Banking and Currency, Mar. 7, 1969, 15 p.
- 6660 32. Public debt. Report from Committee on Ways and Means to accompany H.R. 8508, Mar. 10, 1969, 14 p. [Includes supplemental views of Charles A. Vanik and Sam M. Gibbons.]
- 6661 34. Amending act of Nov. 8, 1966. Report from Committee on Judiciary to accompany H.R. 4297, Mar. 11, 1969, 4 p.
- 6662 35. Authorizing Committee on Government Operations to conduct studies and investigations with respect to matters within its jurisdiction, and for other purposes. Report from Committee on Rules to accompany H. Res. 213, Mar. 11, 1969, 1 p.
- 6663 36. Creating select committee to regulate parking on House side of Capitol. Report from Committee on Rules to accompany H. Res. 282, Mar. 11, 1969, 1 p.
- 6664 37. Authorizing Committee on Post Office and Civil Service to conduct studies and investigations within its jurisdiction. Report from Committee on Rules to accompany H.R. 268, Mar. 11, 1969, 1 p.
- 6665 38. Providing for consideration of H.R. 83, bill to provide for increased participation by United States in International Development Association, and for other purposes. Report from Committee on Rules to accompany H. Res. 313, Mar. 11, 1969, 1 p.
- 6666 39. Authorizing Committee on Banking and Currency to conduct investigation and study of prices of lumber and plywood. Report from Committee on Rules to accompany H. Res. 306, Mar. 11, 1969, 1 p.
- 6667 40. Providing funds for Committee on Rules. Report from Committee on House Administration to accompany H. Res. 94, Mar. 12, 1969, 1 p.
- 6668 41. Providing funds for expenses of investigation and study authorized by House Resolution 47. Report from Committee on House Administration to accompany H. Res. 100, Mar. 12, 1969, 1 p.
- 6669 42. Providing for expenses of investigation and study authorized by House Resolution 105. Report from Committee on House Administration to accompany H. Res. 106, Mar. 12, 1969, 1 p.
- 6670 43. Providing funds for expenses of investigations authorized by House Resolution 21. Report from Committee on House Administration to accompany H. Res. 117, Mar. 12, 1969, 1 p.
- 6671 44. Providing funds for Committee on Judiciary. Report from Committee on House Administration to accompany H. Res. 118, Mar. 12, 1969, 1 p.
- 6672 45. Providing funds for expenses of studies and investigations authorized by House Resolution 131. Report from Committee on House Administration to accompany H. Res. 132, Mar. 12, 1969, 1 p.
- 6673 46. Providing funds for Committee on District of Columbia. Report from Committee on House Administration to accompany H. Res. 148, Mar. 12, 1969, 1 p.
- 6674 47. Providing funds for Committee on Agriculture. Report from Committee on House Administration to accompany H. Res. 167, Mar. 12, 1969, 1 p.
- 6675 48. Providing funds for necessary expenses of Committee on Ways and Means. Report from Committee on House Administration to accompany H. Res. 198, Mar. 12, 1969, 1 p.

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# GOVERNMENT PUBLICATIONS

## House reports on public bills—Continued

- 6676 49. Authorizing funds for operation of Committee on Standards of Official Conduct. Report from Committee on House Administration to accompany H. Res. 204. Mar. 12, 1969. 1 p.
- 6677 50. Providing funds for study and investigation authorized by House Resolution 66. Report from Committee on House Administration to accompany H. Res. 217. Mar. 12, 1969. 1 p.
- 6678 51. Providing funds for expenses of studies, investigations, and inquiries authorized by House Resolution 192. Report from Committee on House Administration to accompany H. Res. 256. Mar. 12, 1969. 1 p.
- 6679 52. Providing for expenses of conducting studies and investigations authorized by House Resolution 143. Report from Committee on House Administration to accompany H. Res. 260. Mar. 12, 1969. 1 p.
- 6680 53. Providing for payment out of contingent fund of House of Representatives for limited period of salaries of certain House Committee personnel newly appointed in 91st Congress. Report from Committee on House Administration to accompany H. Res. 308. Mar. 12, 1969. 1 p.
- 6681 54. Amending act entitled Act to incorporate National Education Association of United States. Report from Committee on Judiciary to accompany H.R. 4600. Mar. 12, 1969. 4 p.
- 6682 55. Commission on National Observances and Holidays. Report from Committee on Judiciary to accompany H.R. 2171. Mar. 12, 1969. 6 p.
- 6683 76. Amending sec. 213(a) of War claims act of 1948 with respect to claims of nonprofit organizations and individuals. Report from Committee on Interstate and Foreign Commerce to accompany H.R. 2669. Mar. 12, 1969. 9 p.
- 6684 77. Extending time for filing final reports under Correctional rehabilitation study act of 1965 until July 31, 1969. Report from Committee on Education and Labor to accompany H.R. 8538. Mar. 13, 1969. 2 p.
- 6685 79. Federal air pollution research and development. Interim report on sulfur oxides pollution abatement R. & D. 2d report by Committee on Government Operations; Mar. 13, 1969. 1969. v+21 p.
- 6686 81. Strengthening children's food service programs. Report together with additional views from Committee on Education and Labor to accompany H.R. 515. Mar. 17, 1969. 24 p.
- 6687 100. Consideration of H.R. 8508. Report from Committee on Rules to accompany H. Res. 325. Mar. 18, 1969. 1 p.
- 6688 101. Rural telephone bank. Report together with minority views from Committee on Agriculture to accompany H.R. 7. Mar. 18, 1969. 28 p.
- 6689 107. Consideration of H.R. 515. Report from Committee on Rules to accompany H. Res. 330. Mar. 19, 1969. 1 p.
- 6690 109. Supplemental military procurement authorization, fiscal year 1969. Report from Committee on Armed Services to accompany H.R. 7757. Mar. 20, 1969. 10 p.
- 6691 110. Extension of Child nutrition act of 1966. Report from Committee on Agriculture to accompany H.R. 5554. Mar. 20, 1969. 6 p.
- 6692 111. Maximum per diem allowance for government employees. Report from Committee on Government Operations to accompany H.R. 337. Mar. 20, 1969. 11 p.
- 6693 112. Commodity Credit Corporation restoration of capital impairment. Report from Committee on Appropriations to accompany H.J. Res. 584. Mar. 24, 1969. 3 p.
- 6694 113. Permit for landfill in Hunting Creek, a debacle in conservation 4th report by Committee on Government Operations; Mar. 24, 1969. 1969. vi+64 p. 11.
- 6695 114. Elementary and secondary education amendments of 1967. Report of Committee on Education and Labor, together with supplemental, minority, and individual views, to accompany H.R. 514; Mar. 24, 1969. 1969. [1]+70 p.
- 6696 127. Water quality improvement act of 1969. Report from Committee on Public Works to accompany H.R. 4148. Mar. 25, 1969. 60 p.
- 6697 128. Consideration of H.R. 7757. Conference report to accompany H. Res. 336. Mar. 25, 1969. 1 p.
- 6698 129. Consideration of H.R. 337. Report from Committee on Rules to accompany H. Res. 337. Mar. 25, 1969. 1 p.
- 6699 130. Future of United States public diplomacy. Report no. 6 together with pt. 11 of hearings of Winning cold war, U.S. ideological offensive by Subcommittee on International Organizations and Movements, pursuant to H. Res. 143. 1969. vii+[1]+10R+111+184 p.
- 6700 142. 1969 joint economic report. Report of Joint Economic Committee on Jan. 1969 economic report of the President together with minority, supplementary, and dissenting views, Apr. 1, 1969. 1969. v+165 p. \* Paper, 65c. L.C. card 48-46370

## Agriculture Committee, House Washington, DC 20515

[Committee hearings] serial, 91st Congress. † • Item 1010

- 6701 A. Special milk program for children, hearings, 91st Congress, 1st session, on H.R. 5554 [and other bills], Feb. 18 and Mar. 11, 1969. 1969. iii+39 p. L.C. card 74-601191 Y 4.Ag 8/1: M 59/18

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- 6702 B. Rural telephone supplemental financing, hearings, 91st Congress, 1st session, on H.R. 7, H.R. 81, H.R. 4020, H.R. 4192, and H.R. 7872, Feb. 19-Mar. 13, 1969. 1969. iii+119 p.  
L.C. card 70-601253 Y 4.Ag 8/1: T 23/3/967

## Appropriations Committee, House Washington, DC 20515

- 6703 Commodity Credit Corporation, supplemental [appropriation] for 1969, hearings before subcommittee, 91st Congress, 1st session. 1969. cover title, i+15 p. † ● Item 1011  
L.C. card 77-601244 Y 4.Ap 6/1: C 73/4/969
- 6704 Department of Agriculture appropriations for 1970, hearings before subcommittee, 91st Congress, 1st session. Y 4.Ap 6/1: Ag 8/970/pt.1  
pt. 1. Budget for Department of Agriculture, general agricultural outlook, Secretary of Agriculture. 1969. ii+1-230+iv p. ii. † ● Item 1011  
L.C. card 60-60821

## Armed Services Committee, House Washington, DC 20515

[Paper], 91st Congress. † ● Item 1012 Y 4.Ar 5/2a: 969-70/(nos.)

NOTE.—These papers consist largely of hearings. They are paged continuously for binding at the end of session of Congress under title "Hearings before Committee on Armed Services of the House of Representatives on sundry legislation affecting the naval and military establishments." Title page, contents, and index are issued or each volume.

- 6705 4. Status of naval ships, hearings before Special Subcommittee on Sea Power, 90th Congress, 2d session, and 91st Congress, 1st session, Oct. 8, 1968-Jan. 31, 1969. 1969. cover title, 127-411+iii p. ii.  
L.C. card 75-601194

## Banking and Currency Committee, House Washington, DC 20515

- 6706 Compendium on monetary policy guidelines and Federal reserve structure, pursuant to H.R. 11, 90th Congress, 2d session; Dec. 1968. 1968. viii+657 p. ii. (Subcommittee print; Subcommittee on Domestic Finance.) †  
L.C. card 76-600540 Y 4.B 22/1: M 74/19
- 6707 Consumer credit regulations, hearings before Subcommittee on Consumer Affairs, 91st Congress, 1st session. † ● Item 1013  
L.C. card 75-601186 Y 4.B 22/1: C 76/4/pt. (nos.)  
pt. 1. Proposed uniform credit code, Feb. 25 and 26, 1969. 1969. iv+1-373 p.  
pt. 2. Truth in lending regulations, Mar. 6, 1969. 1969. iv+375-491 p.
- 6708 Development of cooperative enterprises, 1967, implementation of Humphrey amendment to Foreign assistance act of 1961, [report for Subcommittee on International Finance, 6th annual report to Congress (fiscal year 1967)]. 1968. viii+146 p. (Subcommittee print.) [Title on cover is: Development of cooperative enterprises, 1967, under Foreign assistance act of 1961.] †  
Y 4.B 22/1: C 78/2/967

## Education and Labor Committee, House Washington, DC 20515

- 6709 Extension of elementary and secondary education programs, hearings, 91st Congress, 1st session, on H.R. 514. † ● Item 1015  
L.C. card 70-601052 Y 4.Ed 8/1: Ed 8/34/pt./nos.  
pt. 2. Feb. 6-25, 1969. 1969. ix+787-1680 p. ii.  
pt. 3. Feb. 26-Mar. 4, 1969. 1969. v+1681-2348 p. ii.  
pt. 4. Mar. 5-10, 1969. 1969. xi+2349-2986 p. ii.

## Foreign Affairs Committee, House Washington, DC 20515

- 6710 Czechoslovakia, report of special study mission, by John C. Culver (Iowa) pursuant to provisions of H. Res. 179, 90th Congress; Oct. 21, 1968. 1968. v+5 p. (Committee print, 90th Congress, 2d session.) †  
L.C. card 76-601067 Y 4.F 76/1: C 99/2

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Page 21

## GOVERNMENT PUBLICATIONS

- 6711 New strategy of Communism in Caribbean, report of special study mission, by Armistead I. Selden, jr., Subcommittee on Inter-American Affairs pursuant to provisions of H. Res. 179, 90th Congress, Nov. 2, 1968. 1968. ix+23 p. (Committee print, 90th Congress, 2d session.) ‡  
L.C. card 72-600566 Y 4.F 76/1 : C 73/10
- 6712 Staff memorandum of foreign assistance authorizations and appropriations for fiscal years 1968 and 1969, 90th Congress 1967-68; Oct. 24, 1968. 1968. 4 p. (Committee print, 90th Congress, 2d session.) ‡  
L.C. card 70-601375 Y 4.F 76/1 : F 76/31/968-69
- 6713 Staff memorandum on foreign assistance program authorizations and appropriations for fiscal year 1969, 90th Congress, 2d session (1968); Oct. 24, 1968. 1968. 5 p. (Committee print, 90th Congress, 2d session.) ‡  
L.C. card 67-61388 Y 4.F 76/1 : F 76/31/969

### *Government Operations Committee, House* Washington, DC 20515

- 6714 Extending authority for executive reorganization, hearing before subcommittee, 91st Congress, 1st session on S. 1058 [and other bills], Mar. 10, 1969. 1969. iii+16 p. † ● Item 1016  
L.C. card 77-601260 Y 4.G 74/7 : Ex 3/7/969
- 6715 Maximum per diem allowance for Government employees, hearing before subcommittee, 91st Congress, 1st session on H.R. 337, Mar. 19, 1969. 1969. iii+21 p. † ● Item 1016  
L.C. card 74-601392 Y 4.G 74/7 : A1 5/969
- 6716 Permit for landfill in Hunting Creek, Va., hearing before subcommittee, 91st Congress, 1st session.  
pt. 2. Mar. 10, 1969. 1969. iii+64 p. II. † ● Item 1016  
L.C. card 68-67164 Y 4.G 74/7 : L 23/pt.2
- 6717 Review of alliance for progress goals, report by Bureau for Latin America, Agency for International Development; Mar. 1969. 1969. vi+66 p. Committee print, 91st Congress, 1st session.) \* Paper, 30c.  
L.C. card 76-601276 Y 4.G 74/7 : A1 5/3

### *House Administration Committee, House* Washington, DC 20515

- 6718 U.S. House of Representatives, detailed statement of disbursement, July 1-Dec. 31, 1968. 1969. v+169 p. (Committee print, 90th Congress, 2d session.) ‡  
Y 4.H 81/3 : D 63/968-2

### *Interstate and Foreign Commerce Committee, House* Washington, DC 20515

[Committee hearings] serial, 91st Congress † ● Item 1019  
Y 4.In 8/4 : (nos.)

- 6719 4. HEW oversight, hearing before Subcommittee on Public Health and Welfare, 91st Congress, 1st session on jurisdiction, organization, and structure of Department of Health, Education, and Welfare as it relates to health programs over which this Committee has jurisdiction, Mar. 5, 1969. 1969. iii+47 p. II.  
L.C. card 74-601254
- 6720 5. Pipeline safety, 1969, hearing before Subcommittee on Communications and Power, 91st Congress, 1st session, on matter of safety of gas and liquid pipelines, Mar. 5, 1969. 1969. iii+109 p. II.  
L.C. card 77-601252
- 6721 Legislative history of fairness doctrine, staff study, 90th Congress, 2d session, Feb. 1968. 1968. v+29 p. ‡  
L.C. card 79-600565 Y 4.In 8/4 : F 16

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**Judiciary Committee, House**  
Washington, DC 20515

[Committee hearings] serial, 91st Congress. ● Item 1020

- 6722 1. Electoral college reform, hearings, 91st Congress, 1st session, on H.J. Res. 179, H.J. Res. 181, and similar proposals, Feb. 5-Mar. 13, 1969. 1969. vii+1009 p. ll. \* Paper, \$4.00. Y 4.J 89/1: 97-(nos.)  
L.C. card 70-601293
- 6723 2. Ceiling on appropriations for Administrative Conference, hearings before Subcommittee no. 3, 91st Congress, 1st session, on H.R. 4244, Mar. 20, 1969. 1969. iii+36 p. † ● Item 1021  
L.C. card 74-601246 Y 4.M 53: 91-1

**Merchant Marine and Fisheries Committee, House**  
Washington, DC 20515

[Committee hearings] serial, 91st Congress

- 6724 1. Coast Guard authorization, 1970, hearings before Subcommittee on Coast Guard, Coast and Geodetic Survey, and Navigation, 91st Congress, 1st session on H.R. 4153, Mar. 4-6, 1969. 1969. iii+107 p. † ● Item 1021  
L.C. card 78-601192 Y 4.M 53: 91-1
- 6725 Report on activities of Merchant Marine and Fisheries Committee, 90th Congress. 1968. iii+42 p. (Committee print, 90th Congress.) ‡  
L.C. card 78-600562 Y 4.M 53: Ac 8/8/968

**Post Office and Civil Service Committee, House**  
Washington, DC 20515

[Committee hearings] serial, 91st Congress † ● Item 1022

- 6726 1. Airlift for overseas Armed Forces post office mail, hearing before Subcommittee on Postal Rates, 91st Congress, 1st session, on H.R. 8434 and related bills, Mar. 27, 1969. 1969. iii+29 p. Y 4.P 84/10-91-(nos.)  
L.C. card 71-601327
- 6727 2. Retirement financing, hearings before Subcommittee on Retirement, Insurance, and Health Benefits, 91st Congress, 1st session, on H.R. 770, Mar. 17-20, 1969. 1969. iv+148 p. ll. ● Item 1023  
L.C. card 70-601400

**Public Works Committee, House**  
Washington, DC 20515

[Committee publications,] 91st Congress. † ● Item 1024

- 6728 1. Federal water pollution control act amendments, 1969, hearing, 91st Congress, 1st session, on H.R. 4148 and related bills, Feb. 26-Mar. 6, 1969. 1969. vii+677 p. Y 4.P 96/11: 91-(nos.)  
L.C. card 79-601282
- 6729 3. Oil spillage, Santa Barbara, Calif., hearing before Subcommittee on Flood Control and Subcommittee on Rivers and Harbors, 91st Congress, 1st session, Feb. 14, 1969. 1969. iii+310 p. ll. [Hearing held Santa Barbara, Calif.]  
L.C. card 60-601403

**Science and Astronautics Committee, House**  
Washington, DC 20515

[Paper], 91st Congress.

- 6730 1. Panel on Science and Technology, 10th meeting, Science & Technology and the cities, proceedings, 91st Congress, 1st session, Feb. 4-6, 1969. 1969. ix+301 p. ll. I pl. † ● Item 1025-A Y 4.Sci 2: 91-1/1  
L.C. card 60-64542

**Veterans' Affairs Committee, House**  
Washington, DC 20515

- 6731 Legislative recommendations of veterans' organizations, 1969, hearings, 91st Congress, 1st session, national commanders of American Legion, Veterans of Foreign Wars, Disabled American Veterans AMVETS, Paralyzed Veterans of America, Veterans of World War I of U.S.A., Blinded Veterans Association, American Expeditionary Forces of 1917-19, and American Veterans Committee; Feb. 5-Mar. 13, 1969. 1969. iv+142 p. † ● Item 1027  
L.C. card 77-601402 Y 4.V 64/3: I 52/6/969

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Page 23

## GOVERNMENT PUBLICATIONS

- 6732 Medical research in Veterans' Administration, fiscal year 1968; Jan. 15, 1969. 1969. xi+581 p. (House committee print 4, 91st Congress, 1st session.) ‡  
L.C. card 57-60875 Y 4.V 64/3 : M 46/10/967-68

### PRINTING JOINT COMMITTEE Washington, DC 20510

- 6733 Government depository libraries, present law governing designated depository libraries. Revised Feb. 1969. 1969. ii+39 p. (Joint committee print, 91st Congress, 1st session.) [Includes designated depository list as of Feb. 1969.] ‡ ● All depository libraries.  
L.C. card 62-64870 Y 4.P 93/1 : D 44/969

### SENATE Washington, DC 20510

#### *Senate documents*

NOTE.—All Senate documents, entries for which are followed by a ‡, may be obtained from the Senate Document Room or from the issuing office.

#### Senate documents, 91st Congress.

- 6734 13. Review of United States foreign policy and operations, 1968, by Allen J. Ellender, Mar. 26, 1969. 1969. xxi+272 p. ‡ ● Item 996  
L.C. card 71-601607
- 6735 14. Crime against small business. Report of Small Business Administration transmitted to Select Committee on Small Business, Senate, Apr. 3, 1969. 1969. [iv]+279 p. ll. \* Paper, \$1.25. ● Item 996
- 6736 15. Equal employment opportunity with regard to Federal-aid highway projects. Report by Subcommittee on Roads, Committee on Public Works, Senate, relating to implementation of sec. 22. Federal-aid highway act of 1968, presented by Jennings Randolph, Apr. 3, 1969. 1969. vii+85 p. ‡ ● Item 996

#### *Senate executive reports*

#### Senate executive report, 91st Congress, 1st session.

- 6737 2. Nominations to District of Columbia Council. Report from Committee on District of Columbia to accompany nominations of Gilbert Hahn, jr., Sterling Tucker and Jerry A. Moore to be members of District of Columbia Council. Mar. 10, 1969. 1 p. ‡ Y 1.91/1 : rp.2

#### *Senate reports*

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

#### Senate reports on private bills, 91st Congress. ‡ Senate Document Room, Capitol. ● Item 1008-B

- 6738 101. Cheng-Hual Li. Report from Committee on Judiciary to accompany S. 348. Mar. 20, 1969. 4 p.
- 6739 102. Koon Chew Ho. Report from Committee on Judiciary to accompany S. 628. Mar. 20, 1969. 11 p.
- 6740 103. Ernesto Alunday. Report from Committee on Judiciary to accompany S. 648. Mar. 20, 1969. 9 p.
- 6741 104. Victor Abadil. Report from Committee on Judiciary to accompany S. 927. Mar. 20, 1969. 4 p.
- 6742 105. Dr. Richard Francis Power. Report from Committee on Judiciary to accompany S. 1016. Mar. 20, 1969. 5 p.
- 6743 106. Doctor Angel Solar. Report from Committee on Judiciary to accompany S. 1049. Mar. 20, 1969. 6 p.
- 6744 107. Wong Wah Sin. Report from Committee on Judiciary to accompany S. 1120. Mar. 20, 1969. 8 p.
- 6745 108. Ah Mee Locke. Report from Committee on Judiciary to accompany S. 1123. Mar. 20, 1969. 8 p.
- 6746 109. Sein Lin. Report from Committee on Judiciary to accompany S. 301. Mar. 20, 1969. 5 p.
- 6747 110. Noriko Susan Duke (Nakano). Report from Committee on Judiciary to accompany S. 537. Mar. 20, 1969. 8 p.
- 6748 111. Charles Richard Scott. Report from Committee on Judiciary to accompany S. 672. Mar. 20, 1969. 9 p.
- 6749 112. John Anthony Bacsalmassy. Report from Committee on Judiciary to accompany S. 958. Mar. 20, 1969. 7 p.

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Senate reports on public bills, 90th Congress. † Senate Document Room, Capitol. ● Item 1008-A

- 6750 1465. Amending title 28, United States Code, sec. 1491, to authorize Court of Claims to implement its judgments for compensation. Report from Committee on Judiciary to accompany S. 1704. July 25, 1968. 6 p.

### Senate Reports

Senate reports on public bills, 91st Congress. † Senate Document Room, Capitol. (No. 119 is sold by Superintendent of Documents.) ● Item 1008-A

- 6751 51. Senate Permanent Subcommittee on Investigations. Report from Committee on Rules and Administration to accompany S. Res. 26. Feb. 7, 1967. 12 p. [Corrected print.]
- 6752 57. Study of administrative practice and procedure in Government departments and agencies. Report from Committee on Rules and Administration to accompany S. Res. 39. Feb. 7, 1969. 4 p. [Corrected print.]
- 6753 81. Activities of Committee on Government Operations. Report of Committee on Government Operations and its subcommittees for 90th Congress: Feb. 18, 1969. 1969. v+65 p.
- 6754 82. Organization and coordination of Federal drug research and regulatory programs, LSD. Report of Committee on Government Operations made by its Subcommittee on Executive Reorganization; Feb. 19, 1969. 1969. III+15 p. L.C. card 71-601185
- 6755 84. Improper practices, commodity import program, U.S. foreign aid, Vietnam. Report of Committee on Government Operations made by its Permanent Subcommittee on Investigations together with individual views; Feb. 25, 1969. 1969. III+52 p. L.C. card 73-601251
- 6756 85. Authorizing printing of report entitled, Nature and control of aircraft engine exhaust emissions, as Senate document. Report from Committee on Rules and Administration to accompany S. Res. 86. Feb. 27, 1969. 2 p.
- 6757 86. Authorizing printing of report entitled, Air pollution abatement by Federal facilities, as Senate document. Report from Committee on Rules and Administration to accompany S. Res. 88. Feb. 27, 1969. 2 p.
- 6758 87. Authorizing printing of report entitled, Progress in prevention and control of air pollution, as Senate document. Report from Committee on Rules and Administration to accompany S. Res. 87. Feb. 27, 1969. 2 p.
- 6759 88. Authorizing printing of additional copies of hearings on nomination of Walter J. Hickel to be Secretary of Interior. Report from Committee on Rules and Administration to accompany S. Con. Res. 5. Feb. 27, 1969. 2 p.
- 6760 90. Appointment and confirmation of administrator of Social and Rehabilitation Service and certain subordinates. Report from Committee on Finance to accompany S. 1022. Feb. 28, 1969. 3 p.
- 6761 91. Authorizing printing of report entitled, Mineral and water resources of Utah, as Senate document. Report from Committee on Rules and Administration to accompany S. Res. 95. Mar. 7, 1969. 2 p.
- 6762 92. Extension of time for making report by Commission to Study Mortgage Interest Rates. Report from Committee on Banking and Currency to accompany S.J. Res. 37. Mar. 7, 1969. 1 p.
- 6763 93. Treatment of deserters from military service. Report of Committee on Armed Services by its Subcommittee on Treatment of Deserters from Military Service; Mar. 11, 1969. 1969. III+33 p.
- 6764 94. Paraplegic veterans housing program. Reports from Committee on Banking and Currency to accompany S. 408. Mar. 13, 1969. 4 p.
- 6765 95. Winston Churchill medal. Report from Committee on Banking and Currency to accompany S. 1081. Mar. 13, 1969. 4 p.
- 6766 96. American Fisheries Society centennial medal. Report from Committee on Banking and Currency to accompany S. 1130. Mar. 13, 1969. 4 p.
- 6767 97. Designating the desolation wilderness in California. Report from Committee on Interior and Insular Affairs to accompany S. 173. Mar. 20, 1969. 5 p.
- 6768 98. Authorizing Secretary of Interior to construct, operate, and maintain Kennewick division extension, Yakima project, Wash. Report from Committee on Interior and Insular Affairs to accompany S. 742. Mar. 20, 1969. 9 p.
- 6769 99. Authorizing Secretary of Interior to construct, operate and maintain Touchet division of Walla Walla project, Wash. Report from Committee on Interior and Insular Affairs to accompany S. 743. Mar. 20, 1969. 9 p.
- 6770 100. Authorizing appropriations for saline water conversion program for fiscal year 1970, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany S. 1011. Mar. 20, 1969. 8 p.
- 6771 113. Providing for renaming Central Arizona project as Carl Hayden project. Report from Committee on Interior and Insular Affairs to accompany S.J. Res. 28. Mar. 20, 1969. 2 p.
- 6772 114. Speech reinforcement system for United States Senate Chamber. Report of Committee on Rules and Administration on S. Res. 167; Mar. 24, 1969. 1969. III+72 p. II. 1 pl.
- 6773 115. Designating Ventana Wilderness in California. Report from Committee on Interior and Insular Affairs to accompany S. 714. Mar. 24, 1969. 5 p.
- 6774 119. Developments in aging 1968. Report of Special Committee on Aging, pursuant to S. Res. 223. Mar. 15, 1968, together with minority views; Apr. 3, 1969. 1969. xviii+281 p. II. \* Paper, \$1.25. L.C. card 67-61186

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Page 25

GOVERNMENT PUBLICATIONS

**Appropriations Committee, Senate**

Washington, DC 20510

- 6775 Commodity Credit Corporation supplemental appropriation for fiscal year 1969, hearings, 91st Congress, 1st session, on H.J. Res. 584. 1969. ii+32 +i p. † ● Item 1033  
L.C. card 70-601285 Y 4.Ap 6/2: C 73/5/969

**Armed Services Committee, Senate**

Washington, DC 20510

- 6776 Treatment of deserters from military service, report by Treatment of Deserters from Military Service Subcommittee; Mar. 3, 1969. 1969. iii+33 p. (Committee print, 91st Congress, 1st session.) ‡  
L.C. card 78-601247 Y 4.Ar 5/3: D 45/2

**Banking and Currency Committee, Senate**

Washington, DC 20510

- 6777 Investment company amendments of 1969, analysis of S.34, comparative printing showing changes in existing law; Jan. 17, 1969. 1969. vi+127 p. (Committee print, 91st Congress, 1st session.) ‡  
L.C. card 79-601266 Y 4.B 22/3: In 8/10/969
- 6778 Nominations of Carlos C. Villarreal, Henry Kearns, and Preston Martin, hearing, 91st Congress, 1st session, on nominations of Carlos C. Villarreal, to be Urban Mass Transportation Administrator, Henry Kearns, to be President of Export-Import Bank of United States, and Preston Martin, to be member of Federal Home Loan Bank Board, Feb. 13, 1969. 1969. iii+44 p. † ● Item 1035  
L.C. card 79-601408 Y 4.B 22/3: V 71
- 6779 Nominations of Lawrence M. Cox and Hilary J. Sandoval, jr., hearing, 91st Congress, 1st session, on nominations of Lawrence M. Cox, to be Assistant Secretary of Department of Housing and Urban Development, and Hilary J. Sandoval, jr., to be Administrator of Small Business Administration, Feb. 26, 1969. 1969. iii+24 p. † ● Item 1035  
L.C. card 79-601187 Y 4.B 22/3: C 83

**District of Columbia Committee, Senate**

Washington, DC 20510

- 6780 Crime in District of Columbia, implementing suggestions of President's Commission on Crime. 1969. iii+312 p. il. (Committee print, 91st Congress, 1st session.) ‡  
L.C. card 78-600885 Y 4.D 63/2: C 86/5
- 6781 Crime in National Capital, hearings, 91st Congress, 1st session, on implementation of recommendations of President's Commission on Crime and Regional Aspects of Crime Problem.  
pt. 1. Mar. 11 and 12 [1969]. 1969. iii+78+A-221 p. il. \* Paper, \$1.25. ● Item 1036  
L.C. card 78-601292 Y 4.D 63/2: C 86/4/969/pt.1
- 6782 General information relating to Committee on District of Columbia, Senate, together with origin and form of government of District of Columbia. 1969. ii+9 p. (Committee print, 91st Congress, 1st session.) ‡  
L.C. card 74-601341 Y 4.D 63/2: D 63/7

**Finance Committee, Senate**

Washington, DC 20510

- 6783 \$377 billion debt limit, hearing, 91st Congress, 1st session, on H.R. 8508, Mar. 24, 1969. 1969. iii+96 p. il. † ● Item 1038  
L.C. card 71-601193 Y 4.F 49: D 35/5/969

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## Government Operations Committee, Senate Washington, DC 20510

- 6784 National Security Council, new role and structure, Feb. 7, 1969, submitted by Subcommittee on National Security and International Operations, pursuant to S. Res. 24, 91st Cong. 1969. v+6 p. ‡  
L.C. card 71-601248 Y 4.G 74/6: N 21 se/22
- 6785 Nomination of Robert L. Kunzlg, hearing, 91st Congress, 1st session, on nomination of Robert L. Kunzlg, to be Administrator of General Services Administration, Mar. 11, 1969. 1969. iii+7 p. † • Item 1037  
L.C. card 79-601258 Y 4.G 74/6: K 96
- 6786 Peking's approach to negotiation, selected writings, compiled by Subcommittee on National Security and International Operations (pursuant to S. Res. 24, 91st Cong.) 1969. v+[1]+94 p. (Committee print, 91st Congress, 1st session.) [Includes copyright material.] • Paper, 45c.  
L.C. card 77-601279 Y 4.G 74/6: P 36
- 6787 Political advisers to U.S. military commanders, analysis and assessment, submitted by Subcommittee on National Security and International Operations (pursuant to S. Res. 24, 91st Cong.). 1969. iii+18 p. (Committee print, 91st Congress, 1st session.) ‡  
L.C. card 70-601348 Y 4.G 74/6: P 75
- 6788 State-Defense Officer Exchange Program, analysis and assessment, submitted by Subcommittee on National Security and International Operations (pursuant to S. Res. 24, 91st Cong.). 1969. iii+16 p. (Committee print, 91st Congress, 1st session.) †  
L.C. card 71-601272 Y 4.G 74/6: Of 2
- 6789 Utility consumers' counsel act of 1969, hearings before Subcommittee on Intergovernmental Relations, 91st Congress, 1st session, on S. 607.  
• Item 1037  
L.C. card 78-600877 Y 4.G 74/6: Ut 3/2/pt. (nos.)  
pt. 2. Mar. 10-13, 1969. 1969. v+213-499 p. ll. • Paper, \$1.25.  
pt. 3. Mar. 17-21, 1969. 1969. iv+501-780 p. ll. • Paper, \$1.25.

## Interior and Insular Affairs Committee, Senate Washington, DC 20510

- 6790 History of implementations of recommendations of Senate Select Committee on National Water Resources; [prepared by Theodore M. Schad and Elizabeth M. Boswell]. 1969. ix+215 p. (Committee print, 90th Congress, 2d session.) ‡  
L.C. card 70-601245 Y 4.In 8/13: N 21 w/2
- 6791 Kennewick extension and Touchet division, Washington, hearing before Subcommittee on Water and Power Resources, 91st Congress, 1st session, on S. 742 and S. 743, Mar. 4, 1969. 1969. iv+52 p. † • Item 1040  
L.C. card 71-601343 Y 4.In 8/13: K 39/3
- 6792 Lincoln Back Country Wilderness Area, Mont., hearing before Subcommittee on Public Lands, 91st Congress, 1st session, on S. 412; Mar. 7, 1969. 1969. v+64 p. ll. † • Item 1040  
L.C. card 70-601296 Y 4.In 8/13: L 63/969
- 6793 Saline water program authorization, 1970, hearing before Subcommittee on Water and Power Resources, 91st Congress, 1st session, on S. 1011; Mar. 11, 1969. 1969. iii+45 p. ll. † • Item 1040  
L.C. card 79-601195 Y 4.In 8/13: Sa 3/7/970

## Judiciary Committee, Senate Washington, DC 20510

- 6794 Competition in defense procurement, hearings before Subcommittee on Antitrust and Monopoly, 90th Congress, 2d session, pursuant to S. Res. 233, June 17-Sept. 10, 1968. 1969. iv+916 p. ll. † • Item 1042  
L.C. card 70-601261 Y 4.J 89/2: D 36/3

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Insurance industry, hearings before Subcommittee on Antitrust and Monopoly, 90th Congress, 2d session, pursuant to S. Res. 233.

Y 4.J 89/2: In 7/3/v.14

- 6795 v. 14. Automobile liability insurance, July 9-24, 1968. 1968. vi+8245-8808 p. II.  
\* Paper, \$2.50. • Item 1042  
L.C. card 59-60947

- 6796 Testimony of Karl Dietrich Wolff, hearings before Subcommittee to Investigate Administration of Internal Security Act and Other Internal Security Laws, 91st Congress, 1st session, Mar. 14 and 18, 1969. 1969. iii+28+iii p. † • Item 1042  
L.C. card 75-601360 Y 4.J 89/2: W 83

## Labor and Public Welfare Committee, Senate Washington, DC 20510

- 6797 Nomination, hearing, 91st Congress, 1st session, on Jerome M. Rosow, of New York, to be Assistant Secretary, Department of Labor, Feb. 25, 1969. 1969. ii+6p. † • Item 1043  
L.C. card 79-601257 Y 4.L 11/2: N 72/5/969-5

- 6798 Vocational rehabilitation act, compilation, prepared by Subcommittee on Health; Dec. 1968. 1968. v+24 p. (Committee print, 90th Congress, 2d Session.) †  
L.C. card 74-600553 Y 4.L 11/2: V 85/968

## Public Works Committee, Senate Washington, DC 20510

[Committee publications] serial 91st Congress. • Item 1045

Y 4.P 96/10:(nos.)

- 6799 91-1. Equal employment opportunity, hearings before Subcommittee on Roads, 91st Congress, 1st session, on review of implementation of equal employment provision in sec. 22 of Federal-aid highway act of 1968, Jan. 14-17, 1969. 1969. v+300 p.  
L.C. card 70-600970
- 6800 91-3. Nomination of Francis C. Turner to be Federal Highway Administrator, hearing, 91st Congress, 1st session, on nomination of Francis C. Turner to be Administrator, Federal Highway Administration, Department of Transportation, Mar. 11, 1969. 1969. iii+36 p.  
L.C. card 70-601190
- 6801 91-4. Power aspects of Tocks Islands dam, Delaware River basin, hearings before Subcommittee on Flood Control, Rivers and Harbors, 91st Congress, 1st session, Mar. 18 and 19, 1969. 1969. iv+91 p. II.  
L.C. card 73-601401
- 6802 91-6. Nomination of Robert A. Podesta to be Assistant Secretary for Economic Development, hearing, 91st Congress, 1st session, on nomination of Robert A. Podesta to be Assistant Secretary for Economic Development, Department of Commerce; Mar. 4, 1969. 1969. ii+12 p.  
L.C. card 78-601298

Water pollution, 1969, hearings before Subcommittee on Air and Water Pollution, 91st Congress, 1st session, on S. 7 and S. 544.

L.C. card 72-601259

Y 4.P 96/10: 91-2/pt.1

- 6803 pt. 1. Feb. 3 and 4, 1969. 1969. v+1-265 p. II. † • Item 1045

## CONSUMER AND MARKETING SERVICE, Agriculture Dept. Washington, DC 20250

1969 acreage marketing studies AMG (series). † • Item 18-D

A 88.26/4:(nos.)

- 6804 66. 1969 summer and fall vegetables for commercial processing. Mar. 1969. 39 p. II. 4°
- 6805 67. 1969 vegetables, melons, sweetpotatoes Apr. 1969. 59 p. II. 4°
- C&MS (series). † A 88.40/2:(nos.)
- 6806 2. Molasses market news, annual summary 1968. [Mar. 1969.] 23 p. II. 4° ([Grain Division.]) • Item 19-A
- 6807 3. Fresh fruit and vegetable unloads in eastern cities by commodities, States, and months, calendar year 1968. Apr. 1969. 144 p. 4° (Fruit and Vegetable Division, Market News Branch.) • Item 19-A

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- 6808 4. Fresh fruit and vegetable unloads in western cities by commodities, States, and months, calendar year 1968. Mar. 1968, 64 p. 4° (Fruit and Vegetable Division, Market News Branch.) ● Item 19-A  
L.C. card 62-60297
- 6809 5. Fresh fruit and vegetable unloads in midwestern cities by commodities, States, and months calendar year 1968. Mar. 1968, 136 p. 4° (Fruit and Vegetable Division, Market News Branch.) ● Item 19-A
- 6810 6. Fresh fruit and vegetable unloads in southern cities, by commodities, States and months, calendar year 1968. Mar. 1968, 102 p. 4° (Fruit and Vegetable Division, Market News Branch.) ● Item 19-A
- 6811 11. Packaged fluid milk sales in Federal milk order markets by size and type of containers, and distribution method during Nov. 1967. [Mar. 1969.] 42 + [1] p. il. 4° (Dairy Division.)
- 6812 44. Grain crop quality, 1968 crops [inspected carlot, trucklot, and submitted sample instructions for major grain-marketing States, by kinds of grain]. Mar. 1969, 72 p. il. 4° (Grain Division.) ● Item 19-A
- 6813 70. Menu planning guide for breakfast at school. [Jan. 1968.] [2] + 10 p. il. 4° (School Lunch Division.)
- 6814 Guidelines for implementation of sanitary requirements in poultry establishments. [1968.] [1] + 38 + [1] p. il. 4° (Consumer and Marketing Service, Consumer Protection.) [Issued in looseleaf form.] \* Paper, \$1.00 (including basic manual and supplementary material for an indefinite period); 50c. additional for foreign mailing. ● Item 24-P  
A 88.6/4: P 86/2
- 6815 Institutional meat purchase specifications for fresh beef, series 100; approved by USDA. Revised Mar. 1969. [1969.] iv + 14 + [1] p. il. 4° (Livestock Division.) \* Paper, 20c. ● Item 24-N A 88.17/4: B 39/969
- MIP guideline. (Meat inspection program.)
- 6816 6. Technical terms of meat industry. Mar. 1968, cover title, 1 + 76 p. 4° †  
L.C. card 74-601447 A 88.17/6: 6
- 6817 Sanitation handbook of consumer protection programs. Oct. 1, 1968. [1] + iv + 134 p. il. 4° [Issued in looseleaf form.] \* Paper, \$1.50 (including basic book and supplementary material for an indefinite period); 50c. additional for foreign mailing. ● Item 24-P A 88.6/4: Sa 5

## COOPERATIVE STATE RESEARCH SERVICE, Agricultural Dept. Washington, DC 20250

- CSRS (series).
- 6818 15-4. Funds for research at State agricultural experiment stations and other State institutions, 1968. Jan. 1969. [1] + 28 p. 4° † A 94.10: 5-4
- 6819 Outdoor recreation, catalog of research projects and studies in Department of Agriculture and at State agricultural experiment stations and forestry schools; [compiled by Alvin T. M. Lee]. [Jan. 1969.] cover title, vii + 47 p. 4° †  
L.C. card 74-601412 A 94.2: R 24

## COPYRIGHT OFFICE, Library of Congress Washington, DC 20540

### Circular.

- 6820 52. Authors' publishing and recording arrangements. Oct. 1968. [2] p. 4° †  
● Item 802-A LC 3.4/2: 52

## CUSTOMS BUREAU, Treasury Dept. Washington, DC 20226

- 6821 1969 rates of duty for popular tourist items. 1969. [6] p. narrow 8° †  
● Item 950 T 17.2: R 18

## DEFENSE DEPARTMENT Washington, DC 20301

- 6822 Armed Forces report, forces for freedom; [prepared in Directorate for Community Relations, Office of Assistant Secretary of Defense (Public Affairs), Matthew W. Irvin, editor]. [1969.] cover title, 28 p. il. 4° †  
● Item 306-A D 1.6/3: 969

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Page 29

# GOVERNMENT PUBLICATIONS

- Cataloging handbook H (series). (Defense Logistics Services Center, Defense Supply Agency.) [Issued with perforations.]
- 6823 2-1. Federal supply classification: pt. 1, Groups and classes; [prepared by Directorate of Cataloging]. Jan. 1969, vi+34 p. 4° (Army Dept., Supply bulletin SB 708-21.) [Supersedes Sept. 1967 edition.] \* Paper, 50c. ● Item 314-A D 7.6/2: 2-1/18
- Commanders digest, Index.
- 6824 2. v. 5, nos. 1-26 (Oct. 5, 1968-Mar. 29, 1969), Mar. 29, 1969 [8] p. 4° (Armed Forces Press Service.) \* Paper, 5c. ● Item 312-B D 2.15/2-2: 2
- DASIAC [Defense Atomic Support Agency Information and Analysis Center] special report.
- 6825 67. Proceedings of 1st Interdisciplinary Conference on Selected Effects of General War [held at Princeton University, N.J., Jan. 18-21, 1967; with list of references], v. 1, Feb. 1968, cover title, xvi+416+[1] p. il. 4° (DASA 2019-1) [Published by DASA Information and Analysis Center, General Electric, TEMPO, Santa Barbara, Calif. under contract DASA 01-67-C-0024.] \* Paper, \$3.75. D 5.14/2: 67
- Defense Supply Agency Administrative Support Center handbook DSASCH (series).
- 6826 5025.1. DSASC publications and forms index. Mar. 1969, cover title, [1]+20 p. 4° [Issued with perforations. Supersedes Sept. 3, 1968 edition and Change 1.] ‡ ● Item 314-A D 7.6/7: 5025.1/12
- Defense Supply Agency handbook DSAH (series). ● Item 314-A D 7.6/7: (nos.)
- 6827 4215.23. Industrial plant equipment handbook: FSC 4920, Aircraft maintenance and repair shop specialized equipment. Mar. 1969, cover title, v+212 p. 4° ([Army Dept.] SB 708-4920-1; [Navy Dept.] NAVSUP Pub. 5521; [Air Force Dept.] 78-33; [Marine Corps] MCO P4879.27A.) [Supersedes publications with same numbers published June 1966. Issued with perforations.] \* Paper, \$1.75.
- 6828 4215.35. Industrial plant equipment handbook: FSC 3620, Rubber and plastics working machinery. Mar. 1969, cover title, v+105 p. 4° ([Army Dept.] SB 708-3620-1; [Navy Dept.] NAVSUP Pub. 5534; [Air Force Dept.] AFM 78-28; [Marine Corps] MCO P4870.40A.) [Supersedes publications with same numbers published Feb. 1967. Issued with perforations.] \* Paper, \$1.25.
- 6829 4215.44. Industrial plant equipment handbook: FSC 3419, Miscellaneous machine tools. Feb. 1969, cover title, v+164 p. 4° (SB 708-3400-6; [Navy Dept.] NAV SUP Pub. 5547; [Air Force Dept.] AFM 78-46; [Marine Corps] MCO P-4870.51.) [Issued with perforations. Revises data for Miscellaneous machine tools, contained in Production equipment directory D1, Metalworking machinery 1960 revision, and 1966 supp. DSAH 4215.3. Supersedes data for items formerly classified as 3419.] \* Paper, \$1.50.
- Defense Supply Agency manual DSAM (series).
- 6830 4140.34-M. Defense utilization manual. Oct. 1968, reprint Mar. 1, 1969, cover title, [4] leaves+xiv+111 p. 4° ([DSAM 4140.1: Army Dept., AR 700-38; Navy Dept., NAVSUP pub. 5013; Air Force Dept., AFM 67-11; Marine Corps, MCO P7020.5B.]) [Includes Change 1. Issued in looseleaf form. Supersedes DSAM 4140.1/AFM 67-11/AR 1-3S/MCO P7020.5A, Jan. 1964 and Changes 1-10.] ‡ ● Item 314-A D 7.6/8: 4140.34-M
- 6831 DoD Contract Management Conference, Impact '73, 1968, Dallas, Tex.: Conference recommendations. [1969.] cover title, v+[1]+295 p. il. 4° ‡ ● Item 306 D 1.2: C 76/recom.
- 6832 Federal item identification guide: Boxes and crates. Mar. 28, 1969, cover title, [104] p. il. 4° (FIIG A066; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, \$1.00. ● Item 314-A D 7.6/4: B 69
- 6833 — Caps, radiator and tank. Apr. 4, 1969, cover title, [41] p. il. 4° (FIIG A083; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 55c. ● Item 314-A D 7.6/4: C 17/2
- 6834 — Insulation sleeving, electrical. Apr. 18, 1969, cover title, [46] p. il. 4° (FIIG A225; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 55c. ● Item 314-A D 7.6/4: In 7/3

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- 6835 — [Insulators, electrical, June 2, 1967], Change 1. Mar. 21, 1969. [70] p. il. 4° (FIIG A007; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued in looseleaf form.] \* Paper, 60c. ● Item 314-A D 7.6/4: In 7/2/ch.1
- 6836 — Test strips and color charts (medical). Apr. 11, 1969. cover title, [13] p. 4° (INTERIM FIIG T001, Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] \* Paper, 25c. ● Item 314-A D 7.6/4: T 28/2
- 6837 — Industrial mobilization production planning manual, guidance for operational phases of advance planning to insure adequate and timely production of military items during future limited war. Dec. 1968 [published 1969]. cover title, [209] p. il. 4° (DOD 4005.3-M.) [Issued with perforations. Supersedes and cancels DoD instruction 4005.15, July 14, 1959 and DoD instruction 4005.11 Feb. 12, 1967.] \* Paper, \$1.75. ● Item 306-A D 1.6/2: In 2
- Military standard MIL STD (series). [Issued with perforations.] ‡ ● Item 314-J
- 6838 21A. Welded-joint designs, armored-tank type. Nov. 26, 1968. v+18 p. il. 4° (FSC DRPL.)
- 6839 461A. Electromagnetic interference characteristics requirements for equipment, Notice 1: Feb. 7, 1969. [1969.] [18] p. il. 4°
- 6840 480. Configuration control, engineering changes, deviations and waivers. Oct. 30, 1968. [6]+45 p. 4° (FSC misc.) [Superseding ANA Bulletin 445, July 12, 1963.]
- 6841 482. Configuration status accounting data elements and related features. Sept. 19, 1968. [1969] [117] p. il. 4° (MISC.)
- 6842 490. Specification practices. Oct. 30, 1968. v+76 p. 4° (MISC.)
- 6843 1165. Glossary of environmental terms (terrestrial) [with bibliography]. 2d printing. Mar. 25, 1968. iv+149 p. 4° (FSC MISC.) [Contains copyright material.]
- 6844 1280. Keyboard arrangements. Jan. 28, 1969. iv+26 p. il. 4° (FSC MISC.)

## ECONOMIC DEVELOPMENT ADMINISTRATION, Commerce Dept. Washington, DC 20230

- 6845 Economic development districts, July 1, 1968 [map]. Scale 300 m.=3.2 in. [1969.] 22 x 34 in. ‡ C 46.17: Ec 7/968

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## ECONOMIC OPPORTUNITY OFFICE, Executive Office of the President, Washington, DC 20506

OEO pamphlets. ‡ ● Item 857-H-17 Pr Ex 10.23: (nos.)

- 6846 61-08-2. Physician and Project Head Start. Oct. 1968. 12 p. narrow 8°
- 6847 1400-1. Invitation to visit OEO public information center, from Office of Economic Opportunity, 1200-19th Street, N.W., Washington, D.C. [Mar. 1969.] [6] p. il. narrow 8°
- 6848 4100-4. The ripples reach all shores, story by Francis Tighe. [Mar. 1969.] [4] p. il. 4° [Reprinted from VISTA volunteer, v. 3, no. 10, Oct. 1967.]
- 6849 6108-11. Parent and child centers, guide for development of parent and child centers, community action program [with bibliography]. Mar. 1969. cover title, [8]+60+12 p. 4° [Issued with perforation.]
- 6850 6128-3. Federal programs which may support training of neighborhood residents for jobs in neighborhood health centers: prepared by Health Manpower Office, CAP. Dec. 1968 [published 1969]. 8 p. 4° (OEO Healthright programs.)
- 6851 6130-3. Family planning. [Mar. 1969.] [4] p. il. narrow 8° [Healthright programs.]
- 6852 6132-1. Emergency food and medical services. [Mar. 1969.] [8] p. il. narrow 8° (Healthright programs.)
- 6853 7401.2. Special technical assistance program, STAP 1967-68, 1st year evaluation. [Mar. 1969.] cover title, 19 p. il. 4° (Community Action Program.)
- 6854 Selected references in field of early childhood education. [1968.] 5 p. 4° ‡ ● Item 857-H-4 Pr Ex 10.15: C 43

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Page 31

# GOVERNMENT PUBLICATIONS

## ECONOMIC RESEARCH SERVICE, Agriculture Dept. Washington, DC 20250

- Agricultural economic reports. ● Item 42-C A 93.28:(nos.)
- 6855 108. Economic survey of northern Lake States region, Statistical supplement [with bibliography; by Leon B. Perkinson]. [Feb. 1969.] cover title, [212] p. 4° [Prepared in cooperation with Michigan Agricultural Experiment Station, Michigan State University.] †
- 6856 154. Supplying U.S. markets with fresh winter produce, capabilities of U.S. and Mexican production areas; [by C. John Fliginger and others]. [Mar. 1969.] cover title, viii+159 p. ll. 4° [Study performed in response to congressional inquiry with cooperation of Foreign Agricultural Service. Text on p. 2 of cover. Errata, 1 p., was issued also.] \* Paper, \$1.25. L.C. card 70-601533
- ERS-foreign (series). † A 93.21/2:(nos.)
- 6857 246. Ghana's agricultural economy in brief; by Margaret A. Branham, Dec. 1968. 8 p. ll. 4° (Foreign Regional Analysis Division.) L.C. card Agr 68-364
- 6858 258. Agricultural situation in Western Europe, review of 1968 and outlook for 1969; [by G. Robert Butell, Mollie A. Church, and Robert E. Shepherd.] Mar. 31, 1969. iv+52 p. 4° ([Europe and Soviet Union Branch, Foreign Regional Analysis Division.]) ● Item 76-G L.C. card 65-60880
- 6859 259. Agricultural situation in Communist areas, eastern Europe, Soviet Union, and Mainland China, review of 1968 and outlook for 1969; [written by Marlon R. Larsen, Roger E. Neetz, and David M. Schoonover. Apr. 7, 1969. vi+44+ [1] p. 4° ● Item 76-G L.C. card 64-61220
- 6860 260. Agricultural situation in Africa and West Asia, review of 1968 and outlook for 1969. [Apr. 1969.] [1]+11+76 p. ll. 4° ● Item 76-G L.C. card 64-61389
- 6861 264. Indices of Agricultural production for Western Hemisphere, excluding United States, revised 1959-67, preliminary 1968. [Revised] Mar. 1969. [1969.] ii+34 p. 4° ([Western Hemisphere Branch, Foreign Regional Analysis Division.]) ● Item 76-G
- 6862 Farm mortgage debt; prepared by Forest G. Warren and Louise C. Irvin. Dec. 1968. 7 p. ll. 4° (FMD-7.) † A 93.9/12:7
- 6863 Farm mortgage lending experience of 19 life insurance companies, Federal Land Banks, and Farmers Home Administration. Jan.-June 1968; prepared by Forest G. Warren and Louise C. Irvin. Dec. 1968. 13 p. 4° (FML-21; Farm Production Economics Division.) † A 93.9/5:21
- 6864 Rice situation. Mar. 1969. 36 p. ll. 4° (RS-13.) † ● Item 21-P A 93.11/3:13
- 6865 U.S. foreign agricultural trade by commodities, calendar year 1968. Mar. 1969. [2]+42 p. [Supplement to monthly Foreign agricultural trade of United States.] † ● Item 42-E L.C. card 46-26632 A 93.17/8:968-2

## EDUCATION OFFICE, Health, Education, and Welfare Dept. Washington, DC 20202

- 6866 2d annual report, fiscal year 1967, title 2, Elementary and secondary education act of 1965, school library resources, textbooks, and other instructional materials. Feb. 1969. vi+78 p. 4° (OE-20108-67.) † ● Item 460-A-20 FS 5.220:20108-67
- 6867 Associate degrees and other formal awards below the baccalaureate, 1965-66 and 1966-67, higher education; by M. Jean Brinkman. [Jan. 1969.] viii+135 p. 4° (OE-54045; National Center for Educational Statistics.) [Includes highlights and list of NCES publications on p. 2 and 3 of cover.] \* Paper, \$1.50. ● Item 460-A-54 FS 5.254:54045
- 6868 Elementary program in compensatory education 2: After school study centers, New York City. [1969.] [5]+12 p. ll. 4° ([OE-37036; It works.]) [Includes list of quoted sources.] \* Paper, 25c. ● Item 460-A-37 L.C. card 70-601321 FS 5.237:37036

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- 6869 —Elementary reading centers, Milwaukee, Wis. [1969.] [5]+7 p. 4° ([OE-37031; It works.]) [Includes list of quoted sources.] \* Paper, 20c. ● Item 460-A-37  
L.C. card 70-601321 FS 5.237: 37031
- 6870 —Intensive reading instructional teams, Hartford, Conn. [1969.] [5]+12 p. il. 4° ([OE-37038; It works.]) [Includes list of quoted sources.] \* Paper, 25c. ● Item 460-A-37  
L.C. card 70-601321 FS 5.237: 37038
- 6871 —More effective schools, New York City. [1969.] [5]+34 p. il. 4† ([OE-37042; It works.]) [Includes list of quoted sources.] \* Paper, 40c. ● Item 460-A-37  
L.C. card 70-601321 FS 5.237: 37042
- 6872 —Programmed tutorial reading project, Indianapolis, Ind. [1969.] [5]+10 p. 4° ([OE-37029; It works.]) [Includes list of quoted sources.] \* Paper, 20c. ● Item 460-A-37  
L.C. card 70-601321 FS 5.237: 37029
- 6873 —Project Concern, Hartford, Conn. [1969.] [5]+14 p. 4° ([OE-37030; It works.]) [Includes list of quoted sources.] \* Paper, 25c. ● Item 460-A-37  
L.C. card 70-601321 FS 5.237: 37030
- 6874 —School and home program, Flint, Mich. [1969.] [5]+12 p. 4° ([OE-37023; It works.]) [Includes list of quoted sources.] \* Paper, 25c. ● Item 460-A-37  
L.C. card 70-601321 FS 5.237: 37023
- 6875 —Self-directive dramatization project, Joliet, Ill. [1969.] [5]+11 p. 4° ([OE-37037; It works.]) [Includes list of quoted sources.] \* Paper, 25c. ● Item 460-A-37  
L.C. card 70-601321 FS 5.237: 37037
- 6876 —Speech and language development program, Milwaukee, Wis. [1969.] [5]+16 p. 4° ([OE-37028; It works.]) [Includes list of quoted sources.] \* Paper, 25c. ● Item 460-A-37  
L.C. card 70-601321 FS 5.237: 37028
- 6877 Elementary-secondary program in compensatory education 3: Communication Skills Center Project, Detroit, Mich. [1969.] [5]+11 p. 4° ([OE-37039; It works.]) [Includes list of quoted sources.] \* Paper, 25c. ● Item 460-A-37  
L.C. card 73-601322 FS 5.237: 37039
- 6878 —Homework helper program, New York City. [1969.] [5]+16 p. il. 4° ([OE-37025; It works.]) [Includes list of quoted sources.] \* Paper, 25c. ● Item 460-A-37  
L.C. card 73-601322 FS 5.237: 37025
- 6879 Evaluation is a full-time job; by David Iwamoto and Norman E. Hearn. [1969.] [2] p. large 4° ([OE-25052.]) [Reprinted from American education, Apr. 1969.] \* Paper, 5c. ● Item 460-A-25 FS 5.225: 25052
- 6880 [Higher education], students enrolled for advanced degrees, fall 1967: pt. A, Summary data; by Marjorie O. Chandler. [1969.] iii+53 p. il. 4° (OE-54019-67 pt. A); National Center for Educational Statistics. [Addendum, 1 p., issued also.] \* Paper, 55c. ● Item 460-A-54  
FS 5.254: 54019-67/pt.A
- 6881 Library statistics of college and universities: Data for individual institutions, fall 1968; by Joel Williams. [Feb. 1969.] v+172 p. 4° (OE-15023-68; National Center for Educational Statistics.) \* Paper, \$1.75. ● Item 460-A-15 FS 5.215: 15023-68
- 6882 New and expanded programs for education of handicapped children authorized in 1967. [1969.] 8 p. narrow 8° ([Bureau of Education for Handicapped.]) † FS 5.2: H 19/2

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Page 33

# GOVERNMENT PUBLICATIONS

- 6883 New routes in vocational education [articles]. [1969.] 15 p. il. large 4° (OE 80060.) [Reprinted from American education, Mar. 1969.] \* Paper, 30c. ● Item 460-A-80 FS 5.280: 80060
- 6884 Numbers and characteristics of employees in institutions of higher education, fall 1966; by Richard Beazley. [Feb. 1969.] v+78 p. 4° (OE-50057-66; National Center for Educational Statistics; [Higher education].) [Includes list of related NCES publications on p. 3 of cover.] \* Paper, 75c. ● Item 460-A-50 FS 5.250: 50057-66
- 6885 Office of Education, 1968 publications. [Feb. 1969.] [1969.] v+18 p. 4° (OE-11000-68; [Office of Information.]) \* Paper, 40c. ● Item 460-A-11 FS 5.211: 11000-68
- 6886 Office of Education programs for the disadvantaged. Jan. 1969. ii+49 p. oblong 8° ([OE-37005-A]; Office of Programs for the Disadvantaged.) \* Paper, 50c. ● Item 460-A-37 FS 5.237: 37005-A
- 6887 Opening fall enrollment in higher education, 1968: pt. B, Institutional data; by Marjorie Chandler. [Feb. 1969.] iv+134 p. 4° (OE-54003-68, pt. B; National Center for Educational Statistics.) \* Paper, \$1.25. ● Item 460-A-54 FS 5.254: 54003-68/pt.B
- 6888 Policies and procedures: Handicapped children's early education assistance act. Feb. 1969. [1]+ii+34 p. 4° (Bureau of Education for the Handicapped.) † ● Item 461-A (Rev. 1965) FS 5.6/2: H 19/3
- 6889 Preschool program in compensatory education 1: Academic preschool, Champaign, Ill. [1969.] [5]+22 p. il. 4° ([OE-37041; It works.]) [Includes list of quoted sources.] \* Paper, 35c. ● Item 460-A-37 FS 5.237: 37041
- 6890 — Diagnostically based curriculum, Bloomington, Ind. [1969.] [5]+34 p. 4° ([OE-37024; It works.]) [Includes list of quoted sources.] \* Paper, 45c. ● Item 460-A-37 FS 5.237: 37024
- 6891 — Early childhood project, New York City. [1969.] [5]+22 p. 4° ([OE-37027; It works.]) [Includes list of quoted sources.] \* Paper, 35c. ● Item 460-A-37 FS 5.237: 37027
- 6892 — Infant education research project, Washington, D.C. [1969.] [5]+20 p. 4° ([OE-37033; It works.]) [Includes list of quoted sources.] \* Paper, 35c. ● Item 460-A-37 FS 5.237: 37033
- 6893 — Perry Preschool Project, Ypsilanti, Mich. [1969.] [5]+16 p. 4° ([OE-37035; It works.]) [Includes list of quoted sources.] \* Paper, 25c. (incorrectly given in publication as 35c.) ● Item 460-A-37 FS 5.237: 37035
- 6894 — Preschool program, Fresno, Calif. [1969.] [5]+14 p. 4° ([OE-37034; It works.]) [Includes list of quoted sources.] \* Paper, 25c. ● Item 460-A-37 FS 5.237: 37034
- 6895 Progress report of vocational-technical education program development for persons with special needs by States under Vocational education act of 1963 section 4(a) (4)—P.L. 88-210; [prepared by Albert L. DeMond and others]. Feb. 28, 1969. cover title, [3]+333 p. il. 4° (Development Branch, Division of Vocational and Technical Education, Bureau of Adult, Vocational, and Library Programs.) † ● Item 461 (Rev. 1965) FS 5.2: V 85/5
- 6896 Projections of educational statistics to 1977-78 [articles]. 1968 edition. [1969.] viii+139 p. il. 4° (OE-10030-68.) [Text on p. 2 of cover. Supersedes Projections of educational statistics to 1976-77, OE-10030, 1967.] \* Paper, \$1.50. ● Item 460-A-10 FS 5.210: 10030-68

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- 6897 Public school finance programs, 1968-69 (States and outlying areas); compiled and edited by Thomas L. Johns. [1969.] iii+335 p. oblong 12° (OE-22002-69.) \* Paper, \$3.00. ● Item 460-A-22  
FS 5.222: 22002-69
- 6898 Reveille for volunteers; by Elinor Wolf. [1969.] [3] p. il. large 4° ([OE 20117.]) [Reprinted from American Education, Nov. 1968.] \* Paper, 10c.  
● Item 460-A-20 FS 5.220: 20117
- 6899 Secondary program in compensatory education 4: College bound program, New York City. [1969.] [5]+8 p. 4° ([OE-37032; It works.]) [Includes list of quoted sources.] \* Paper, 20c. ● Item 460-A-37  
L.C. card 77-601323 FS 5.237: 37032
- 6900 — Junior high summer institutes, New York City. [1969.] [5]+14 p. 4° ([OE-37026; It works.]) [Includes list of quoted sources.] \* Paper, 25c. ● Item 460-A-37  
L.C. card 77-601323 FS 5.237: 37026
- 6901 — Project R-3, San Jose, Calif. [1969.] [5]+16 p. 4° ([OE-37040; It works.]) [Includes list of quoted sources.] \* Paper, 25c. ● Item 460-A-37  
L.C. card 77-601323 FS 5.237: 37040
- 6902 7% payment tables and amortization schedules, student loan program, higher education act of 1965, title 4, pt. b. [1969.] cover title, [80] p. 4° ([OE-55048-A.]) † ● Item 460-A-55 FS 5.255: 55048-A
- 6903 Visually handicapped child at home and school, developments and trends in educational programs for blind and partially seeing children; by John Walker Jones. [1963, revised 1969.] [1969.] vii+45 p. il. (OE-35045-68; Bureau of Education for the Handicapped.) \* Paper, 35c. ● Item 460-A-35  
L.C. card 75-601379 FS 5.235: 35045-68

## EMPLOYMENT SECURITY BUREAU, Labor Dept. Washington, DC 20210

### Industry manpower surveys.

- 6904 115. Eating and drinking places industry; [prepared by Alan L. Moss]. [Mar. 1969.] iv+16 p. il. 4° † ● Item 756-E L 7.49: 115  
L.C. card 79-601432

## ENGINEERS CORPS (Army) Defense Dept.

NOTE.—Orders or requests for publications of the Engineers Corps, other than those sold by the Superintendent of Documents or by offices of the Engineers Corps in other cities, should be addressed to Chief of Engineers, U.S. Army, Washington, DC 20310, Attention Publications Office.

### Ohio River Division Laboratories: Technical memorandum.

- 6905 4-79. Spiral generation of building shells for military construction [with bibliographies]; by A. N. Collishaw, R. D. Graham, Nov. 1968. viii+22+[10] p. il. 4° † D 103.38/3: 4-79

Port series. [Part 1 of Port series is prepared by Division of Ports and systems, Maritime Administration, Commerce Dept., and part 2 by Domestic Ports Branch, Board of Engineers for Rivers and Harbors, Engineers Corps.]

- 6906 28. Ports of Los Angeles and Long Beach, Calif., pt. 2. Revised 1967. 1968. v+1-10a, 11-78a, 79-124a, p. il. 4° \* Paper, \$1.75. ● Item 340  
L.C. card 77-601429 D 103.8: 28/2

### Waterways Experiment Station.

NOTE.—Unless otherwise indicated, publications of Waterways Experiment Station may be ordered from Corps of Engineers, U.S. Army, Waterways Experiment Station, Vicksburg, Miss. (price upon application).

### Waterways Experiment Station: Miscellaneous paper.

- 6907 C-69-1. Strength and deformation properties of granite, basalt, limestone and tuff at various loading rates; by R. L. Stowe, Army-MRC Vicksburg, Miss., Jan. 1969. 168 p. il. 4° [Sponsored by Defense Atomic Support Agency.] D 103.24/4: C-69-1

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Commerce, Springfield, Va. 22151  
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Page 35

# GOVERNMENT PUBLICATIONS

- Waterways Experiment Station; Technical reports. D 103.24/2: (nos.)
- 6908 C-69-1. Air entrainment in mass concrete [with list of literature cited]; by W. O. Tynes, B. Mather. Feb. 1969. Army-MRC Vicksburg, Miss., Feb. 1969. [108] p. il. 4° [Sponsored by Office, Chief of Engineers, U.S. Army.]
- 6909 C-69-2. Correlation of hardened concrete test methods and results [with list of literature cited]; by K. L. Saucier. Army-MRC Vicksburg, Miss., Mar. 1969. [54] p. il. 4° [Sponsored by Office, Chief of Engineers, U.S. Army.]
- 6910 C-69-4. Use of epoxy or polyester resin concrete in tensile zone of composite concrete beams [with list of literature cited]; by H. G. Geymayer. Army-MRC, Vicksburg, Miss. Mar. 1969. xi+43+ [70] p. il. 4° [Sponsored by Assistant Secretary of Army (R&D), Department of Army.]

## ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, Commerce Dept., Washington, DC 20235

- ESSA technical memorandum. (ESSA Research Laboratories; National Severe Storms Laboratory, Norman, Okla.)
- 6911 ERLTM-NSSL 41. Structure and movement of severe thunderstorms of Apr. 3, 1964 as revealed from radar and surface mesonet network data analysis [with list of references; by] Jess Charba and Yoshikazu Sasaki. Oct. 1968. iii+47 p. il. 4° ♦ Paper, \$3.00. C 52.15/2: ERLTM-NSSL 41
- ESSA technical report. (Coast and Geodetic Survey.)
- 6912 C&GS 37. Precise echo sounding in deep water; [by] George A. Maul. Jan. 1969. [2]+9 p. il. 4° ♦ Paper, 25c. ♦ Item 208-B-7 C 52.15: C&GS 37
- ESSA technical reports. (ESSA Research Laboratories; Aeronomy Laboratory, Boulder, Colo.) ♦ Item 208-B-7 C 52.15: (letters-nos.)
- 6913 ERL 99-AL 1. Satellite ion-electron collector; experimental effects of grid transparency, photoemission, and secondary emission [with list of references; by] E. C. Whipple, Jr., J. W. Hirman, R. Ross. Dec. 1968. iii+41 p. il. 4° ♦ Paper, 50c.
- 6914 ERL 100-AL-2. Theory of circular planar (guarding) Langmuir probe [with list of references; by] Lee W. Parker. Dec. 1968. vi+85 p. il. 4° ♦ Paper, \$1.00.
- ESSA technical report. (ESSA Research Laboratories; Institute for Telecommunications Laboratory, Boulder, Colo.) ♦ Item 208-B-7 C 52.15: (letters-nos.)
- 6915 ERL 97-ITS 72. Short-term radio propagation forecasts in southeast Asia [with list of references]; [by] R. J. Slutz, T. N. Gautier, [and] M. Leftin. Feb. 1969. viii+137 p. il. 4° (Ionospheric Telecommunications Laboratory.) ♦ Paper, \$1.25.
- 6916 ERL-101-ITS 73. Method of smooth curve fitting [with list of references; by] Hiroshi Akima. Jan. 1969. iii+30 p. il. 4° (Ionospheric Telecommunications Laboratory.) ♦ Paper, 40c.
- ESSA technical report. (ESSA Research Laboratories; Pacific Oceanographic Laboratory, Seattle, Wash.)
- 6917 ERL 93-POL 2. SEAMAP deep-sea channel [with list of references; by] Paul J. Grim. Jan. 1969. iii+27 p. il. 4° ♦ Paper, 35c. ♦ Item 208-B-7 C 52.15: ERL 93-POL 2
- ESSA technical report. (ESSA Research Laboratories; Space Disturbances Laboratory, Boulder, Colo.) ♦ Item 208-B-7 C 52.15: (letters-nos.)
- 6918 ERL 98-SDL 8. On detection of sudden ionospheric disturbances [with references; by] A. Glenn Jean, Dorothy K. Kropp. Jan. 1969. iv+22 p. il. 4° ♦ Paper, 35c.
- 6919 ERL 102-SDL 9. Hall-effect magnetometers in scientific rocket payloads; [by] G. M. Lefald [and] W. L. Ecklund. Feb. 1969. iii+22 p. il. 4° ♦ Paper, 35c.
- ESSA technical reports. (National Environmental Satellite Center.) ♦ Item 208-B-7 C 52.15: (letters-nos.)
- 6920 NESC-47. Polynomial representation of carbon dioxide and water vapor transmission [with list of references; by] William L. Smith. Feb. 1969. iii+20 p. il. 4° ♦ Paper, \$3.00
- 6921 NESC-48. Statistical estimation of atmosphere's geopotential height distribution from satellite radiation measurements [with list of references; by] William L. Smith. Feb. 1969. iii+20 p. il. 4° ♦ Paper, \$3.00.

\*For Sale by Superintendent of Documents

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‡Official Use. Not Available

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## Key to meteorological records documentation.

- 6922 5.316. Catalog of meteorological satellite data ESSA and ESSA 5 television cloud photography, Oct. 1-Dec. 31, 1967. 1969. [2]+21+[184] p. il. 4° [Environmental Data Service.] \* Paper, \$2.00. ● Item 275-C  
C 39.66/2 : 5.316

World Data Center A : Upper Atmosphere Geophysics, report UAG (series). (Environmental Data Service.) \* Paper, \$9.00 a yr., \$2.50 additional for foreign mailing; single copies vary in price.

- 6923 6. International geophysical calendars 1957-69; by A. H. Shapley and J. V. Lincoln. Mar. 1969. [1]+25 p. il. 4° [Prepared by Research Laboratories, ESSA, Boulder, Colo.] \* Paper, 30c. C 52.16/2 : 6

## FARMER COOPERATIVE SERVICE, Agriculture Dept. Washington, DC 20250

### Information (series).

- 6924 59. Farmer co-ops, what are they? [1969.] 7 p. narrow 8° [Includes list of other publications available.] † A 89.15 : 59

## FEDERAL AVIATION ADMINISTRATION, Transportation Dept. Washington, DC 20553

- 6925 Airman's information manual : pt. 2, Airport directory, spring-summer 1969. [1969.] cover title, v+265 p. il. 4° (AIP, AGA 1.) [Semiannual. Issued with perforations.] \* Paper, \$4.00 a yr., \$1.00 additional for foreign mailing. ● Item 431-C-5 TD 4.12 : pt.2/969

- 6926 FAA air traffic activity, calendar year 1968; [prepared by Viola W. Patterson]. Mar. 1969. x+216 p. il. 4° ([Publication and Service Branch, Information and Statistics Division, Office of Management Systems.]) \* Paper, \$1.75. ● Item 431-C-1 TD 4.19 : 968-2

- 6927 [This entry number not used.]

### Federal aviation regulations. [Issued in looseleaf form.] ● Item 431-C-13

- 6928 pt. 21. Certification procedures for products and parts, Change 21 [effective] Feb. 9, 1969. [1969.] [12] p. 4° [Incorporates amendment 21-24.] † TD 4.6 : 21/ch.21
- 6929 pt. 47. Aircraft registration, Change 6 [effective] Feb. 21, 1969. [1969.] [6] p. 4° [Incorporates amendment 47-7.] † TD 4.6 : 47/ch.6
- 6930 pt. 67. Medical standards and certification, Change 7 [effective] Feb. 8, 1969. [1969.] [6] p. 4° [Incorporates amendment 67-7.] † TD 4.6 : 67/ch.7
- 6931 pt. 91. General operating and flight rules. [1969.] [140] p. 4° [Consolidated reprint incorporating Changes 1-38.] \* Paper, \$1.25. TD 4.6 : 91/rep.
- 6932 pt. 91. General operating and flight rules, Change 39 [effective] Feb. 25, 1969. [1969.] [10] p. 4° [Incorporates amendment 91-64. Issued in loose-leaf form.] † TD 4.6 : 91/ch.39
- 6933 pt. 93. Special air traffic rules and airport traffic patterns, Change 15, [effective] Feb. 13, 1969. [1969.] [3] p. 4° [Incorporates amendment 93-14.] † FAA 1.6/8 : 93/ch.15
- 6934 pt. 99. Security control of air traffic, Change 7 [effective] Mar. 6, 1969. [1969.] [8] p. il. 4° [Incorporates amendment 99-8.] † TD 4.6 : 99/ch.7
- 6934A pt. 121. Certification and operations : Air carriers and commercial operators of large aircraft, Change 31 [effective] Feb. 15, 1969. [8] p. 4° [Incorporates amendment 121-45.] † TD 4.6 : 121/ch.31
- 6935 pt. 151. Federal aid to airports, Change 25, [effective] Jan. 4, 1969. [1969.] [6] p. 4° [Incorporates amendment 151-27.] † TD 4.6 : 151/ch.25
- 6936 pt. 151. Federal aid to airports, Change 26 [effective] Feb. 14, 1969. [1969.] [6] p. 4° [Incorporates amendment 151-28.] † TD 4.6 : 151/ch.26
- 6937 pt. 151. Federal aid to airports, Change 27 [effective] Feb. 4, 1969. [1969.] [8] p. 4° [Incorporates amendment 151-29.] † TD 4.6 : 151/ch.27
- 6938 pt. 153. Acquisitions of U.S. land for public airports, Change 4, [effective] Mar. 1, 1969. [1969.] [6] p. 4° [Incorporates amendments 153-4.] † TD 4.6 : 153/ch.4

### Handbook.

- 6939 6100.1. Maintenance of NAS enroute stage A air traffic control system. Dec. 6, 1968. cover title, [386] p. il. 4° [Issued with perforations.] † ● Item 431-C-4 TD 4.8/2 : 6100.1
- 6940 United States standard flight inspection manual, Change 13. Jan. 30, 1969. [1] leaf+3 p. 4° (Handbook OA P 8200.1; Army [Dept.] TM 11-2557-25; Navy [Dept.] manual NAV WEPS 16-1-520; [Air Force Dept.] AFM 55-8; [Coast Guard] CG-317.) [Cancellation date after changes made. Issued with perforations.] † ● Item 431-F-2 FAA 5.9 : 963/ch.13

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Commerce, Springfield, Va. 22151

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Page 37

# GOVERNMENT PUBLICATIONS

## FEDERAL COMMUNICATIONS COMMISSION Washington, DC 20554

- 6941 AM-FM broadcast financial data, 1966, Dec. 19, 1967. [36] p. 4° (Public notice-B, 10206.) [Correction, Public notice-B, 10300, 1 p., issued Dec. 20, 1967.] † CC 1.43/2: 966
- 6942 Federal Communications Commission 34th annual report, fiscal year 1968, updated to include important events following close of fiscal year. [1969.] xxii+162 p. il. 4° \* Paper, \$1.50. • Item 283 CC 1.1: 968  
L.C. card 35-26977

## FEDERAL COUNCIL FOR SCIENCE AND TECHNOLOGY Washington, DC 20506

- 6943 Water resources policy and political institutions, report of panel on needed research, July 1968. [1969.] [4]+ii+18 p. 4° † • Item 1061-B Y 3.F 31/16: 2 W 20

## FEDERAL HOME LOAN BANK BOARD Washington, DC 20552

- 6944 [Address by Preston Martin, Chairman, Federal Home Loan Bank Board, Washington, D.C., at annual Stockholders' meeting of Federal Home Loan Bank of San Francisco, Los Angeles, Calif., Mar. 28, 1969]. [1969.] 2+7 p. 4° [Includes highlights.] † FHL 1.23: M 36

## FEDERAL MARITIME COMMISSION Washington, DC 20573

- SP (series). † FMC 1.9: (nos.)
- 6945 69-5. Remarks of Commissioner George H. Hearn of Federal Maritime Commission at 34th annual convention of Movers' & Warehousemen's Association of America, Inc., San Juan, Puerto Rico, Mar. 27, 1969. [1969.] 6 p. 4°
- 6946 69-6. Role of Federal Maritime Commission in shipping and shippers' problems, remarks of Commissioner James F. Fanseen, Federal Maritime Commission, at 20th annual Institute on Foreign Transportation and Port Operations sponsored by Tulane University Graduate School of Business Administration, New Orleans, La., Mar. 26, 1969. [1969.] 7 p.

## FEDERAL POWER COMMISSION Washington, DC 20426

- 6947 World power data, capacity of electric generating plants and production of electric energy, 1966; [prepared by Bureau of Power]. Feb. 1969. iii+16 p. il. 4° \* Paper, 30c. • Item 436 FP 1.2: W 89/966  
L.C. card 64-62600
- 6948 Your career with Federal Power Commission. [1969.] cover title, 28 p. il. 4° [Last page of text left blank for notes, Contents on p. 2 of cover.] † • Item 436 FP 1.2: C 18/969

## FEDERAL REGISTER OFFICE, General Services Administration Washington, DC 20403

Code of Federal regulations and Cumulative pocket supplements.

NOTE.—For the convenience of those who maintain complete sets of the Code of Federal regulations, arrangements have been made to supply pocket supplements as of Jan. 1, 1969 and any completely revised volumes issued in 1969 on a subscription basis at \$150,000 a year, \$40.00 additional for foreign mailing. The revised volumes and supplements will be mailed as printed and all subscribers will receive expiration notices in ample time to renew their subscriptions, thus avoiding loss of continuity. The Superintendent of Documents will continue to make available the revised volumes and individual supplements for those who do not maintain complete sets.

- 6949 Code of Federal regulations; Title 7 [Agriculture], pts. 900-944, revised as of Jan. 1, 1969. [1969.] vi+417 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$1.50. • Item 572 GS 4.108: 7/pt.900-944/969  
L.C. card 49-46198

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# MAY 1969

- 6950 — Title 7 [Agriculture], pts. 1000-29 [Milk orders, eastern region], revised as of Jan. 1, 1969. [1969.] vi+369 p. il. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$1.50. ● Item 572  
L.C. card 49-46198 GS 4.108: 7/pt.1000-1029/969
- 6951 — Title 7 [Agriculture], pt. 1060-1089, revised as of Jan. 1, 1969. [1969.] vi+295 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$1.25. ● Item 572  
L.C. card 49-46198 GS 4.108: 7/pt.1060-1089/969
- 6952 — Title 7 [Agriculture] pts. 1090-1119, [Milk orders, South Central region], revised as of Jan. 1, 1969. [1969.] vi+275 p. il. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$1.25. ● Item 572  
L.C. card 49-46198 GS 4.108: 7/pt.1090-1119/969
- 6953 — Title 7 [Agriculture], pt. 1500 to end, revised as of Jan. 1, 1969. [1969.] vi+415 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969 with ancillaries.] \* Paper, \$1.50. ● Item 572  
L.C. card 49-46198 GS 4.108: 7/pt.1500-end/969
- 6954 — Title 14 [Aeronautics and space], pts. 1-59, revised as of Jan. 1, 1969. [1969.] vi+616 p. il. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$2.75. ● Item 572  
L.C. card 49-46198 GS 4.108: 14/pt.1-59/969
- 6955 — Title 22 [Foreign affairs], revised as of Jan. 1, 1969. [1969.] vi+462 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969 with ancillaries.] \* Paper, \$1.75. ● Item 572  
L.C. card 49-46198 GS 4.108: 22/969
- 6956 — Title 24 [Housing and housing credit], revised as of Jan. 1, 1969. [1969.] vi+519 p. [Contains codification of documents in general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$2.00. ● Item 572  
L.C. card 49-46198 GS 4.108: 24/969
- 6957 — Title 26 [Internal revenue], pt. 1 (1.641 to 1.850), revised as of Jan. 1, 1969. [1969.] vi+388 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$1.50. ● Item 572  
L.C. card 49-46198 GS 4.108: 26/pt.1(sec.1.641.1.850)/969
- 6958 — Title 26 [Internal revenue] pts. 30-39, revised as of Jan. 1, 1969. [1969.] vi+298 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$1.25. ● Item 572  
L.C. card 49-46198 GS 4.108: 26/pt.30-39/969
- 6959 — Title 26 [Internal revenue] pts. 300 to 499, revised as of Jan. 1, 1969. [1969.] vi+337 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969 with ancillaries.] \* Paper, \$1.25. ● Item 572  
L.C. card 49-46198 GS 4.108: 26/pt.300-499/969
- 6960 — Title 28 [Judicial administration] revised as of Jan. 1, 1969. [1969.] vi+200 p. [Containing codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$1.00. ● Item 572  
L.C. card 49-46198 GS 4.108: 28/969
- 6961 — Title 29 [Labor], pts. 0-499 revised as of Jan. 1, 1969. [1969.] vi+359 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969 with ancillaries.] \* Paper, \$1.50. ● Item 572  
L.C. card 49-46198 GS 4.108: 29/pt.0-499/969

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Page 39

# GOVERNMENT PUBLICATIONS

- 6962 Code of Federal regulations: Title 31 [Money and finance, Treasury], revised as of Jan. 1, 1969. [1969.] vi+614 p. [Contains codification of documents of general applicability and future effect as of Jan. 1969 with ancillaries.] \* Paper, \$2.75. ● Item 572  
L.C. card 49-46198 GS 4.108: 31/969
- 6963 — Title 32 [National defense], pts. 700-799, revised as of Jan. 1, 1969. [1969.] vi+818 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$3.50. ● Item 572  
L.C. card 49-46198 GS 4.108: 32/pt.700-799/969
- 6964 — Title 32 [National defense], pts. 1200-1599, revised as of Jan. 1, 1969. [1969.] vi+427 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$1.75. ● Item 572  
L.C. card 49-46198 GS 4.108: 32/pt.1200-1599/969
- 6965 — Title 32A [National defense, appendix], revised as of Jan. 1, 1969. [1969.] vii+331 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969 with ancillaries.] \* Paper, \$1.25. ● Item 572  
L.C. card 49-46198 GS 4.108: 32 A/969
- 6966 — Title 33 [Navigation and navigable waters], pts. 1-199, revised as of Jan. 1, 1969. [1969.] vi+581 p. il. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$2.50. ● Item 572  
L.C. card 49-46198 GS 4.108: 33/pt.1-199/969
- 6967 — Title 41 [Public contracts and property management], chap. 1, revised as of Jan. 1, 1969. [1969.] vii+610 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$2.75. ● Item 572  
L.C. card 49-46198 GS 4.108: 41/chap.1/969
- 6968 — Title 41 [Public contracts and property management, chap. 2-4, revised as of Jan. 1, 1969. [1969.] vii+236 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969 with ancillaries.] \* Paper, \$1.00. ● Item 572  
L.C. card 49-46198 GS 4.108: 41/chap.2-4/969
- 6969 — Title 41 [Public contracts and property management], chap. 5-5D, revised as of Jan. 1, 1969. [1969.] vii+306 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$1.25. ● Item 572  
L.C. card 49-46198 GS 4.108: 41/chap.5-5 D/969
- 6970 — Title 41 [Public contracts and property management], chap. 6-17, revised as of Jan. 1, 1969. [1969.] vi+747 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1969, with ancillaries.] \* Paper, \$3.25. ● Item 572  
L.C. card 49-46198 GS 4.108: 41/chap.6-17/969
- 6971 Cumulative pocket supplement to Code of Federal regulations: Title 32, National defense, pts. 590-699, as of Jan. 1, 1969. [1969.] iii+133 p. \* Paper, 50c. ● Item 572  
L.C. card 49-46198 GS 4.108: 32/pt.590-699/supp.969
- 6972 Principal officials in executive branch appointed Jan. 20-Mar. 20, 1969. [1969.] [2]+26 p. narrow 8° [Supplement 2 to U.S. Government organization manual.] \* Paper, 20c. ● Item 577 GS 4.109: 968/supp.2

## FEDERAL RESERVE SYSTEM BOARD OF GOVERNORS Washington, DC 20551

- 6973 Bank debits to demand deposit accounts except interbank and U.S. Government accounts, 1968, summary figures, by districts, by months, individual centers by months. Mar. 12, 1969. [15] p. oblong 8° (Division of Data Processing.) †  
FR 1.17/2: 968

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- 6974 Housing production and finance. [1969.] p. 228-234 4° [Reprinted from Federal Reserve Bulletin, Mar. 1969.] † FR 1.3/a: H 81/2
- 6975 Member bank income, 1967. Mar. 6, 1968. [2] p. f° (Federal reserve statistical release C.4.) † FR 1.11/3: 967
- 6976 Monetary restraints and flows of funds to savings institutions, remarks of George W. Mitchell, Member, Board of Governors of Federal Reserve System at Savings Institutions Forum, sponsored by University of Miami with cooperation of First Federal Savings and Loan Association of Miami, Miami, Fla., Mar. 13, 1969. 1969. [1]+12+[5] p. il. 4° † FR 1.23: M 69/51
- 6977 State member banks of Federal reserve system and nonmember banks that maintain clearing accounts with Federal reserve banks and corporations doing foreign banking or financing that maintain reserve accounts with Federal reserve banks, as of Dec. 31, 1968. [1969.] [1]+18 p. 4° † L.C. card 54-34253 FR 1.11/5: 968
- 6978 What you ought to know about Federal Reserve regulation Z, Truth in lending, consumer credit cost disclosure. [1969.] 31+32 p. 4° [This new Federal legislation goes into effect July 1, 1969.] † FR 1.2: T 77/2

## FEDERAL SUPPLY SERVICE, General Services Administration Washington, DC 20405

- 6979 Federal specifications. ● Item 503 GS 2.8:  
NOTE.—These specifications are now so completely covered by the Index of Federal specifications, standards, and handbooks with cumulative monthly supplements, that listing in the Monthly Catalog of United States Government Publications represents unnecessary and wasteful duplication of effort. For that reason they will no longer be listed.

Complete information on the Index of Federal Specifications will be found in the Appendix in the February 1969 issue of the monthly Catalog under Entry number 2969 and in the April 1968 issue under Entry number 5036.

Federal standards. Issued with perforations. ● Item 563

GS 2.8†3: (nos.)

NOTE.—Federal standards may be purchased from the General Services Administration, Specifications Activity, Special Programs Division, Building 197, Naval Weapons Plant, Washington, DC 20407. All checks and money orders should be made payable to the Treasurer of the United States. Single copies are available without charge at the nearest GSA regional office.

- 6980 5C. Standard guides for preparation of proposed item logistics data records and proposed item identification by Government suppliers; Jan. 1, 1969. [1969.] [1]+1+62 p. il. 4° [Supersedes Fed. Std. no. 5B, Feb. 19, 1962.] † Paper, 60c.
- 6981 51. Dishwashing compound, machine, cancellation; Nov. 19, 1968. 1969. 1 p. 4° [Federal standard 51, dated May 13, 1955, cancelled.] (FSC 7030.) †
- 6982 148a. Classification, identification, and testing of feather filling material, change notice 2; Oct. 25, 1968. [1969.] [14] p. 4° †

Federal test method standard. [Issued in looseleaf form.]

- 6983 536. Soap and soap-products (including synthetic detergents), sampling and testing, Feb. 15, 1956, Change notice 3; Jan. 14, 1969. [1969.] [13] p. il. 4° † ● Item 563 GS 2.8/7: 536/ch.3

## FEDERAL TRADE COMMISSION Washington, DC 20580

- 6984 Federal Trade Commission report on District of Columbia consumer protection program. June 1968 [published 1969]. cover title, [1]+22+[1] +a-h p. \* Paper, 25c. ● Item 535 FT 1.2: D 63/2  
L.C. card 73-601357
- 6985 Fight back! The ungentle art of self defense as recommended by Federal Trade Commission. [1969.] [4] p. \* Paper, 10c. FT 1.2: F 44
- 6986 Guides against bait advertising, adopted Nov. 24, 1959. [1969.] [2]+3 p. ([FTC L-4503.]) \* Paper, 10c. ● Item 535-A FT 1.8/2: B 16
- 6987 Guides against deceptive advertising of guarantees, adopted Apr. 26, 1960. [1969.] [2]+5 p. \* Paper, 10c. ● Item 535-A FT 1.8/2: G 93

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Page 41

# GOVERNMENT PUBLICATIONS

## FEDERAL WATER POLLUTION CONTROL ADMINISTRATION, Interior Dept., Washington, DC 20242

- 6988 Plywood plant glue wastes disposal progress report [with list of selected references]; prepared by Danforth G. Bodien. Feb. 1968. 7+45+ [3] p. il. 4° (Report PR-2; Northwest Region, Pacific Northwest Water Laboratory, Corvallis, Oreg.) ‡ I 67.2: P 74
- 6989 President's Water Pollution Control Advisory Board, what it is, what it does. [1969.] [4] p. † ● Item 473-A-1 I 67.2: W 29/5
- 6990 Project register, Sept. 30, 1968, distribution by river basin of projects approved under sec. 8 of Federal water pollution control act (Public law 660, 84th Congress), as amended. [1969.] cover title, ix+190 p. il. 4° † ● Item 607-E I 67.16: 968-2
- 6991 Sewage and water works construction, 1966; [prepared by Kenneth H. Jenkins, Elsie M. Gibson, and Florence G. Simmons]. [1969] iv+12 p. 4° ([WP-15.] [Formerly Public Health Service publication 758.] † ● Item 498-A I 67.11: 966
- 6992 Water pollution control, keynote address [by Leon W. Weinberger, Assistant Commissioner for Research and Development, Federal Water Pollution Control Administration, Department of Interior, before Seminar on Water Pollution and Water Management Control, sponsored by Rex Chainbelt Inc., Milwaukee, Wis., June 28, 1967]. [1967.] 21 p. 4° † I 67.18: W 63
- 6993 Water pollution control research, development, demonstration, and training projects 1968 grant and contract awards, research grants, research contracts, demonstration grants, storm and combined sewer grants, storm and combined sewer contracts, advanced waste treatment grants, advanced waste treatment contracts, industrial waste treatment grants, industrial waste treatment contracts, training grants research fellowships. [1969.] vi+140 p. 4° † ● Item 502-A I 67.13: 988

## FOOD AND DRUG ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201

- 6994 Federal food, drug, and cosmetic act, as amended. Reprinted Feb. 1969. iv 78 p. \* Paper, 35c. ● Item 475-B FS 13.105: F 73/969 rep.
- 6995 Pesticide analytical manual; v. 2 [Methods for individual pesticide residues, revised July 1967], errata. [Jan. 2, 1969.] [36] p. il. 4° [Issued in loose-leaf form.] † FS 13.119: P 43/v.2/967/errata-3

## FOREIGN AGRICULTURAL SERVICE, Agriculture Dept. Washington, DC 20250

- [Foreign Agricultural Service, miscellaneous] FAS-M (series).
- 6996 204. Peru's fishmeal industry; [by William J. Mills]. Apr. 1969. [2] +12 p. 4° † L.C. card 77-601437 A 67.26: 204

## FOREIGN DIRECT INVESTMENTS OFFICE, Commerce Dept. Washington, DC 20230

- NOTE.—The Office of Foreign Direct Investments was established by Departmental Order 184A on January 2, 1968, pursuant to the authority vested in the Secretary of Commerce by Executive Order 11387 of January 1, 1968.
- 6997 Excerpts from speech by Lionel R. Dyer, Deputy Director of Authorizations Division, Office of Foreign Direct Investments, Commerce Department, prepared for delivery to meeting of Cleveland World Trade Association, Cleveland, Ohio, Oct. 3, 1968. 1968. 2 p. 4° (USCOMM-DC-62150.) † C 54.9: D 98
- 6998 Remarks by Donald F. Heatherington, Assistant Director, Office of Foreign Direct Investments, Department of Commerce, before joint meeting of Milwaukee World Trade Club and Wisconsin Regional Export Expansion Council, Milwaukee, Wis., Dec. 3, 1968. [1968.] 8 p. 4° † C 54.9: H 35

\*For Sale by Superintendent of Documents

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‡Official Use. Not Available

MAY 1969

FOREST SERVICE, Agriculture Dept.  
Washington, DC 20250

Agricultural economic report.

- 6999 150. Forest taxation and preservation of rural values in New York; [by Ellis T. Williams]. Apr. 1969, cover title, 24 p. il. 4° (Division of Forest Economics and Marketing Research.) [Text on p. 2 of cover.] \* Paper, 30c.  
● Item 42-C  
L.C. card 73-60144 A 93.28: 150
- 7000 Cooperative forest fire control, expenditures by source of funds, Clarke-McNary law, sec. 2, f.y. 1968, preliminary data. Jan. 1969. 1 p. oblong 8° (Cooperative financing expenditures, C-M 2; Division of Cooperative Forest Fire Control.) † A 13.2: F 51/49/1968/prelim.
- 7001 Dividends from wood research, recent publications of Forest Products Laboratory, July 1-Dec. 31, 1968. [1968.] cover title, 16 p. il. narrow 8° † A 13.27/8: 1968-2
- 7002 How a tree grows [colored poster]. Slightly revised June 1968. 1968. 24 x 21 in. (FS-8.) \* Paper, 20c. A 13.20/3: T 71/2/1968
- 7003 National forests, lands of many uses, report for 1967. [1967.] 12 p. il. 8° (California [region].) † A 13.13/3: 1967
- Northeastern area State and private forestry. (Division of Forest Pest Control.) † A 13.52/8: (letters-nos.)
- 7004 D-68-12. Detection survey of Annosus root rot, Allegheny National Forest, 1968; by William Lautz. Sept. 1968, cover title, [1]+2 leaves, 4° (NA-S&PF Field Office, Delaware, Ohio.)
- 7005 D-68-13. Seed and cone insect survey on seed production areas, Clark, Mark Twain and Shawnee National Forests [with list of references]; by William B. White. Oct. 1968, cover title, [1]+5 leaves, il. 4° (NA-S&PF Field Office, Delaware, Ohio.)
- 7006 S-68-11. Biological evaluation of spruce budworm on Superior National Forest, 1968 [with list of literature cited]; by I. Millers, G. W. Erickson, and A. R. Hastings. [1969.] cover title, [14] leaves, il. 4° (NA-S&PF Field Office, St. Paul, Minn.)
- 7007 Range and wildlife habitat publications issued in 1967 by Forest Service research personnel and cooperators. Sept. 16, 1968. [1]+10 p. 4° † A 13.11/2: R 16/3/1967
- Research note NE-(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.) † A 13.79: NE-(nos.)
- 7008 NE-77. Ten-year effects from row thinnings in loblolly pine plantations of eastern Maryland; [By Silas Little, John J. Mohr, and Paul V. Mook]. 1968. 8 p.
- 7009 NE-86. Reliability of tree-height measurements in northern hardwood stands [with list of literature cited; by Dale S. Solomon and Richard J. Nolet]. 1968. 3 p.
- Research note PNW-(series). (Pacific Northwest Forest and Range Experiment Station, Portland, Oreg.)
- 7010 PNW-94. Effects of protection from deer on survival and growth of Douglas-fir seedlings; by Glenn L. Crouch and Neil R. Paulson. Nov. 1968. 6 p. il. 4° † A 13.79: PNW-94
- Research note SE-(series). (Southeastern Forest Experiment Station, Asheville, N.C.) † A 13.79: SE-(nos.)
- 7011 SE-94. Symptoms of nutrient deficiency in yellow-poplar seedlings [with list of literature cited; by Albert F. Ike]. Oct. 1968. [4] p. 4°
- 7012 SE-95. Assessing potential oleoresin yields of slash pine progenies at juvenile ages [with list of literature cited; by A. E. Squillace and Charles R. Gansel. Oct. 1968. [4] p. il. 4°
- 7013 SE-97. Field screening of insecticides for control of pine seedworm, *Laspeyresia anaranjada* Miller; [by Edward P. Merkel]. Oct. 1968. [2] p. 4°
- 7014 SE-98. Sectional aluminum poles improve length measurements in standing trees; [by Joe P. McClure]. Nov. 1968. [4] p. il. 4°
- 7015 SE-99. Predicting tree d.b.h. from stump measurements in Southeast; [by Joe P. McClure]. Dec. 1968. [4] p. 4°
- 7016 SE-100. Sycamore seed germination: effects of provenance, stratification, temperature, and parent tree; [by Charles D. Webb and Robert E. Farmer]. Dec. 1968. [6] p. 4°
- 7017 SE-101. How to distinguish attacks by black turpentine beetle and *Dioryctria amatella* on southern pines [by Carl W. Fatzinger and Gary L. DeBarr]. Jan. 1969. [4] p. il. 4°
- 7018 SE-102. Preliminary guidelines for using suppression fires to control wildfires in Southeast; [by Robert W. Cooper]. Jan. 1969. [2] p. 4°

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Page 43

# GOVERNMENT PUBLICATIONS

- Research paper FPL-(series). (Forest Products Laboratory, Madison, Wis.)
- 7019 FPL-101. Strength evaluation of round timber piles [with list of literature cited; by Thomas Lee Wilkinson]. Dec. 1968. cover title, 44 p. il. 4° [Text on p. 2 of cover. Accompanied by abstract cards.] †  
A 13.78: FPL-101
- Research paper NE-(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.) †  
A 13.78: NE-(nos.)
- 7020 NE-116. Summary and evaluation of research on use of plastic tubing in maple sap production [with list of literature cited]; by Melvin R. Koelling, Barton M. Blum, Carter B. Gibbs. 1968. cover title 12 p. il. [Text on p. 2 of cover. Abstract cards inserted.]
- 7021 NE-117. Department of Defense market for wooden pallets, 1965 [with bibliography]; by John T. Lucas and Walter B. Wallin. 1968. cover title, 40 p. il. [Text on p. 2 of cover. Abstract cards inserted.]

## GENERAL ACCOUNTING OFFICE Washington, DC 20548

- GAO manual for guidance of Federal agencies [titles 1-8]. [Issued in looseleaf form.] \*Paper, \$20.00 (including basic manual and supplementary service); \$5.00 additional for foreign mailing.
- 7022 title 5. Transportation, transmittal sheet 5-26; July 15, 1968. [1968.] [29] p. GA 1.6/10: 957/trans.5-26
- 7023 title 5. Transportation, transmittal sheet 5-27; Feb. 14, 1969. [1969.] [53] p. GA 1.6/10: 957/trans.5-27
- 7024 Report to Congress: Administration and effectiveness of work experience and training project in Kent County, Mich., under title 5 of Economic opportunity act of 1964, Department of Health, Education, and Welfare; by Comptroller General of United States. Apr. 3, 1969. cover title, [7] +72 p. 4° (B-164031 (3).) †Paper, \$1.00.  
GA 1.13: Ad 6  
L.C. card 74-601325
- 7025 — Audit of Federal Crop Insurance Corporation, fiscal year 1968, Department of Agriculture; by Comptroller General of United States. Mar. 20, 1969. cover title, [5]+24 p. 4° (B114834.) †Paper, \$1.00  
GA 1.13: F 31/9/968
- 7026 — Audit of financial statements of Saint Lawrence Seaway Development Corporation, calendar year 1967, Department of Transportation; by Comptroller General of United States. Mar. 26, 1969. cover title, [S] +33 p. 4° (B-125007.) †Paper, \$1.00. GA 1.13: Sa 2/2/967
- 7027 — Control over repairs of electronic components and assemblies, Department of Navy; by Comptroller General of United States. Mar. 19, 1969. cover title, [5]+23 p. 4° (B-133313.) †Paper, \$1.00.  
GA 1.13: El 2/40  
L.C. card 73-601121
- 7028 — Donation of surplus mercury for educational and public health purposes, Department of Health, Education, and Welfare; by Comptroller General of United States. Mar. 21, 1969. cover title, [6]+80 p. 4° (B-164031.) †Paper, \$1.00.  
GA 1.13: M 53  
L.C. card 75-601336
- 7029 — Examination of financial statements, Commodity Credit Corporation, fiscal year 1968, Department of Agriculture; by Comptroller General of United States. Mar. 12, 1969. cover title, [6]+50 p. 4° (B-114824.) †Paper, \$1.00.  
GA 1.13: C 73/13/968  
L.C. card 65-60575
- 7030 — Examination of financial statements fiscal year 1968, Tennessee Valley Authority; by Comptroller General of United States. Mar. 25, 1969. cover title, [6]+39 p. 4° (B-114850.) †Paper, \$1.00. GA 1.13: T 25/968
- 7031 — Follow-up review of per diem payments to prospective crew members of ships under construction in New Orleans, La., Department of Navy; by Comptroller General of United States. Mar. 24, 1969. cover title, [5]+23 p. 4° (B-153839.) †Paper, \$1.00.  
GA 1.13: P 29/30  
L.C. card 70-601340

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‡Official Use. Not Available

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- 7032 — Opportunity for savings by increasing transfers of excess property among Federal agencies, General Services Administration; by Comptroller General of United States. Mar. 21, 1969. cover title, [5]+23 p. 4° (B-146929.) † Paper, \$1.00.  
L.C. card 79-601345 GA 1.13: P 94/13
- 7033 — Policies and procedures for recommending emergency area designations by Farmers Home Administration, Department of Agriculture; by Comptroller General of United States. Mar. 24, 1969. cover title, [8]+58 p. il. 4° (B-114873.) † Paper, \$1.00.  
L.C. card 78-601347 GA 1.13: Em 3
- 7034 — Review of Agricultural Research Service program for screwworm eradication, Department of Agriculture; by Comptroller General of United States. Mar. 20, 1969. cover title, [5]+30 p. il. 4° (B-133192.) † Paper, \$1.00.  
L.C. card 75-601119 GA 1.13: Ser 2
- 7035 — Review of certain management controls of quality assurance system for Apollo program National Aeronautics and Space Administration; by Comptroller General of United States. Mar. 11, 1969. cover title, [8]+56 p. (B-156556.) † Paper, \$1.00.  
L.C. card 78-600905 GA 1.13: Ap 4/2
- 7036 — Selection of purchasers of residential properties sold by Federal Housing Administration, Department of Housing and Urban Development; by Comptroller General of United States. Mar. 19, 1969. cover title, [5]+18 p. 4° (B-114860.) † Paper, \$1.00.  
L.C. card 70-601120 GA 1.13: F 31/22
- 7037 Report to Joint Committee on Atomic Energy, Congress of United States: Administration and management of biology and medicine research program, Atomic Energy Commission; by Comptroller General of United States. Apr. 16, 1969. cover title, [8]+111 p. il. 4° (B-165117.) † Paper, \$1.00.  
L.C. card 74-601404 GA 1.13: B 52

## GENERAL SERVICES ADMINISTRATION Washington, DC 20405

- 7038 GSA forms catalog, GSA handbook. Mar. 3, 1969. cover title, [1]+34+[2]+26 p. 4° (OAD P 1824.3A.) [Issued with perforations.] † ● Item 559-B GS 1.6/6: F 76
- 7039 Inventory report on real property owned by United States throughout world as of June 30, 1968. [1969.] vi+88 p. il. \* Paper, 55c. ● Item 559-A GS 1.15: 968
- 7040 Shipping your household goods, guide for civilian employees of United States Government. Dec. 1967 [published 1968]. ii+21 p. (FPMR subpt. 101-6.1; Federal stock no. 7610-058-7938.) \* Paper, 15c. GS 1.6/6: Sh 6/967

## GEOLOGICAL SURVEY, Interior Dept. Washington, DC 20405

- Bulletins. ● Item 620 I 19.3: (nos.)
- 7041 1272-D. New talc deposit in St. Lawrence County, N.Y. [with list of references cited]; by C. Ervin Brown. 1969. iii+18 p. il. 1 pl. in pocket. [Contributions to economic geology.] \* Paper, 65c.
- 7042 1273. Geology and mineral deposits of San Cristóbal district, Villa Martin Province, Potosí, Bolivia [with list of references cited]; by Herbert S. Jacobson [and others]. iv+22 p. il. 2 pl. in pocket. [Prepared in cooperation with Servicio Geológico de Bolivia as part of cooperative training program under auspices of United States Agency for International Development.] \* Paper, 50c.
- 7043 1274-A. Changes in stratigraphic nomenclature by U.S. Geological Survey, 1967 [with list of references cited]; by George V. Cohee, Robert G. Bates and Wilna B. Wright. 1969. iv+59 p. il. [Contributions to stratigraphy.] \* Paper, 40c.

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# GOVERNMENT PUBLICATIONS

## Bulletins—Continued

- 7044 1274-L. Quimby and Greenvale Cove formations in Western Maine [with list of references cited]; by Robert H. Moench. 1969. iii+17 p. il. [Clastic metasedimentary rocks of Late Ordovician (?) age are described and newly named. Contributions to stratigraphy.] \* Paper, 15c.
- 7045 1274-N. The Chinle (Upper Triassic) and Sundance (Upper Jurassic) formations in north-central Colorado [with list of references cited]; by G. N. Pipiringos, W. J. Hall, Jr., and G. A. Izett. 1969. iii+35 p. il. [Description of hitherto unreported or little-understood stratigraphic and paleontologic details of marine Jurassic and Upper Triassic rocks of a scantily studied area. Contributions to stratigraphy.] \* Paper, 25c.
- 7046 1274-O. Changes in stratigraphic nomenclature in Cretaceous system, East-Central Puerto Rico [with list of references cited]; by Reginald P. Briggs. 1969. iii+31 p. il. [Prepared in cooperation with Commonwealth of Puerto Rico Economic Development Administration, Industrial Research Department. Contributions to stratigraphy.] \* Paper, 25c.
- 7047 1282. Stratigraphic and mineralogic relations and ceramic properties of clay deposits of Eocene age in Jackson Purchase region, Ky. and in adjacent parts of Tennessee [with list of references]; by Wilds W. Olive and Warren I. Finch. 1969. iv+35 p. il. [Prepared in cooperation with Kentucky Geological Survey.] \* Paper, 25c.

## Circular.

- 7048 577. Index of surface-water records to Sept. 30, 1967: pt. 7, lower Mississippi River basin; by H. P. Eisenhuth. 1968. [2]+86 p. 4°. [Supersedes Circular 507.] † • Item 620-A  
L.C. card GS 52-128 I 19.4/2: 577

- 7049 Elevations and distances in United States. [1969.] 23 p. il. 4° † • Item 621 I 19.2: E1 2

## Professional papers. • Item 624

I 19.16: (nos.)

- 7050 433-H. Distribution of radionuclides in bottom sediment of Clinch River, eastern Tennessee [with list of references]; by R. J. Pickering. 1969. iii+25 p. il. 4° [Prepared in cooperation with U.S. Atomic Energy Commission and Oak Ridge National Laboratory. Transport of radionuclides by streams.] \* Paper, 40c.
- 7051 500-D. Trend-surface analysis of Basin and Range province, and some geomorphic implications [with list of references]; by Lawrence K. Lustig. 1969. iv+70 p. il. 4° [Quantitative study of Basin and Range topography which provides basis for considerations of nature of physiographic province, and relief age of ranges, origin of pediments, and development of mountain drainage systems in Western United States. Theoretical papers in hydrologic and geomorphic sciences.] \* Paper, 70c.
- 7052 591. Descriptive catalog of selected aerial photographs of geologic features in areas outside the United States; by Charles R. Warren [and others]. 1969. [2]+23-[13] p. il. 1 pl. in pocket. 4° • Paper, \$1.25.  
L.C. card GS 68-290
- 7053 592. Stratigraphy of Star Peak Group (Triassic) and overlying lower Mesozoic rocks, Humboldt Range, Nev. [with list of references]; by N. J. Silberling and Robert E. Wallace. 1969. iii+50 p. il. 4° 2 pl. in pocket. \* Paper, \$1.25.  
L.C. card GS 68-262
- 7054 602. Geology of west-central part of Southern Anthracite field and adjoining areas, Pennsylvania [with list of references]; by Gordon H. Wood, Jr., Peter Trexler and Thomas M. Kehn. 1969. vi+150 p. il. 4 pl. in pocket 4° [Study of part of one of classic areas of geology and surrounding region.] \* Paper, \$2.00.  
L.C. card GS 68-293
- 7055 613-C. Early Pennsylvanian ammonoids from southern Nevada [with list of references cited]; by Mackenzie Gordon, Jr. 1969. iii+13 p. il. 4° [Four species of late Morrow age characterize Diaboloceras perocedens Zone at base of Pennsylvanian sequence in Clark and Nye Counties. Contributions to paleontology.] \* Paper, 35c.
- 7056 625-C. Sample size and meaningful gold analysis [with list of references cited]; by H. Edward Clifton [and others]. 1969. iii+17 p. il. 4° [Technique for estimating size of sample required to provide representative sample for analysis for gold and other particulate heavy metals and minerals. Shorter contributions to economic geology.] \* Paper, 35c.
- 7057 650-B. Geological survey research, 1969, chap. B [articles with lists of references]. 1969. v+201+[1] p. il. 4° [Scientific notes and summaries of investigations in geology, hydrology, and related fields.] \* Paper, \$2.75.  
L.C. card 68-46150

## Water-supply papers. • Item 625

I 19-13: (nos.)

- 7058 1608-L. Evaluation and Control of corrosion and encrustation in tube wells of Indus Plains, West Pakistan [with list of references]; by Frank E. Clark and Ivan Barnes. 1969. vi+63 p. il. [Prepared in cooperation with West Pakistan Water and Power Development Authority under auspices of U.S. Agency for International Development. Contributions to hydrology of Asia and Oceania.] \* Paper, 40c.

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- 7059 1859-F. Geohydrology and water utilization in Wilcox basin, Graham and Cochise Counties, Arizona [with list of references cited]; by S. G. Brown and H. H. Schumann. 1969. iii+32 p. il. 3 pl. in pocket. [Prepared in cooperation with Arizona State Land Department. Contributions to hydrology of United States.] \* Paper, \$1.50.
- 7060 1864. Bibliography of hydrology of United States and Canada. 1964; compiled by J. E. Randolph, N. M. Baker, and R. G. Deike. 1969. xxi+232 p. \* Paper, \$1.00.  
L.C. card GS 68-391
- 7061 1873-A. Factors initiating phytoplankton blooms and resulting effects on dissolved oxygen in Duwamish River estuary, Seattle, Wash. [with list of literature cited]; by Eugene B. Welch. 1969. v+62 p. il. [Prepared in cooperation with municipality of metropolitan Seattle. Environmental quality.] \* Paper, 35c.
- 7062 1879-F. Hydrological effects of 1962-66 drought on Long Island, N.Y. [with list of references cited]; by Philip Cohen, O. L. Franke, and N. E. McClymonds. 1969. iii+18 p. il. [Prepared in cooperation with New York State Department of Conservation, Division of Water Resources; Nassau County Department of Public Works; Suffolk County Board of Supervisors; and Suffolk County Water Authority. Contributions to hydrology of United States.] \* Paper, 20c.
- 7063 1886. Quality of surface waters for irrigation, Western States, 1961 [with list of selected references; by personnel of Water Resources Division]. 1968. viii+154 p. il. 1 pl. in pocket. \* Paper, \$1.00.  
L.C. card GS 68-331
- 7064 1894. Water resources of windward Oahu, Hawaii [with list of selected references]; by K. J. Takasaki, G. T. Hirashima, and E. R. Lubke. 1969. vii+119 p. il. 3 pl. in pocket. [Prepared in cooperation with State of Hawaii, Department of Land and Natural Resources, Division of Water and Land Development.] \* Paper, \$2.25.  
L.C. card GS 68-273

### HEALTH, EDUCATION, AND WELFARE DEPARTMENT Washington, DC 20201

- 7065 How to acquire Federal surplus personal property for health, educational and civil defense purposes and Federal surplus real property for health and educational purposes. Mar. 1969. 12 p. narrow 8" (Office of Assistant Secretary of Administration, Office of Surplus property Utilization.) †  
● Item 445 FS 1.2: Su 7/969
- 7066 Mental retardation grants: pt. 2, Research and demonstration, fiscal year 1968. Jan. 1969. vii+214 p. 4" (Secretary's Committee on Mental Retardation.) † ● Item 445-G  
L.C. card 65-61306 FS 1.23/3: 968/pt.2
- 7067 Surplus property utilization program. Feb. 11, 1969. [2]+14 p. il. (Office of Surplus Property Utilization.) [Title on cover is: Obsolescence and opportunity, how Federal surplus property contributes to Nation's health, education, and civil defense.] † ● Item 445 FS 1.2: Ob 7

### HOUSING AND URBAN DEVELOPMENT DEPARTMENT Washington, DC 20410

- 7068 Address by George Romney, Secretary of Housing and Urban Development, Mar. 11, 1969. [1969.] 8 p. 4" †  
HH 1.7: R 66/3
- HUD handbooks. ● Item 582-E HH 1.6/6: (letters-nos.)
- 7069 FHA 1340.1. Labor standards, prevailing wage requirements on construction of FHA-insured multi-family housing projects. Jan. 1969. [78] p. 4" [Issued with perforations. Supersedes FHA, v. 6, book 2, pt. A.] †
- 7070 FHA 4515.1. Minimum property standards for low cost housing. Dec. 1968. [27] p. 4" [Issued with perforations. Formerly HUD PG-1 and FHA 18. Reprinted to include General revision, L-3, Oct. 1966.] \* Paper, 30c.
- 7071 RHA 7207.1. RHA 7214.1. Urban renewal handbook transmittal. [Mar. 4, 1969.] [33] p. 4" [Issued with perforations. Includes transmittal notice 23.] \* Paper, \$14.00 (including basic manual and supplementary material for an indefinite period); \$4.00 additional for foreign mailing.
- 7072 RHA 7211.1. Urban renewal handbook transmittal. [Mar. 14, 1969.] [5] p. 4" [Issued with perforations. Includes transmittal notice 25.] \* Paper, \$14.00 (including basic manual and supplementary material for an indefinite period); \$4.00 additional for foreign mailing.

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## HUD handbooks—Continued

- 7073 RHA 7214.1, RHA 7222.1. Urban renewal handbook transmittal. [Mar. 11, 1969.] [8] p. 4° [Issued with perforations. Includes transmittal notice 24.] \* Paper, \$14.00 (including basic manual and supplementary material for an indefinite period); \$4.00 additional for foreign mailing.
- 7074 RHA 7216.1. Urban renewal handbook transmittal. [Feb. 25, 1969.] [4] p. 4° [Issued with perforations. Includes transmittal notice 21.] \* Paper, \$14.00 (including basic manual and supplementary material for an indefinite period); \$4.00 additional for foreign mailing.
- 7075 RHA 7217.1. Urban renewal handbook transmittal. [Jan. 22, 1969.] [2] leaves, 4° [Issued with perforations. Includes transmittal notice 19.] \* Paper, \$14.00 (including basic manual and supplementary material for an indefinite period; \$4.00 additional for foreign mailing.
- IP—(series).
- 7076 105. Great cities are more than houses, hospitals, and schools, they are people living and working together, model cities [program]. [1969.] [2] p. 4° folded into oblong 48" size. † ● Item 582-G HH 1.27: 105
- MP (series).
- 7077 83. Office of Community Development. [Feb. 1969.] [6] p. narrow 8° (Renewal and Housing Assistance.) † ● Item 582-H HH 1.28: 83
- 7078 Urban university, challenge and response, remarks of Charles M. Haar, Assistant Secretary for Metropolitan Development, Department of Housing and Urban Development to convocation to Lake Erie College, Painesville, Ohio, Feb. 28, 1968. [1968.] [1]+25 p. 4° HH 1.7: H 11/55

## INDIAN CLAIMS COMMISSION

726 Jackson Pl. NW., Washington, DC 20506

NOTE.—The Indian Claims Commission was established by Public law 726, 79th Congress, approved Aug. 13, 1946.

- 7079 1968 annual report. [1968.] cover title, [2] leaves+22+[34] p. il. 4° †  
● Item 1067  
L.C. card 75-600923 Y 3.In 2/6: 1/968

## INTERIOR DEPARTMENT

Washington, DC 20240

NOTE.—Requests to the Interior Department for publications should give the full title and the date of the publication. Do not include Monthly Catalog entry numbers or Superintendent of Documents classification numbers, which should be used only when ordering from the Superintendent of Documents.

- 7080 1968 annual report Trust Territory of Pacific Islands to Secretary of Interior for fiscal year. [1968.] vi+43 p. il. \* Paper, 30c. ● Item 670-A I 35.16/1: 968
- 7081 Marine resources development, national opportunity. [1969.] cover title, 60 p. il. 4° † ● Item 603 I 1.2: M 33
- 7082 Missouri River Basin progress, semiannual report, [fiscal year] 1969. [1969.] cover title, [1]+82 p. il. 4° ([Interior Missouri Basin Field Committee.]) [For administrative purposes.] † I 1.80: 969
- Personnel management publication.
- 7083 14. How to help injured employee, brief manual to assist supervisors in handling and reporting work injuries. Revised Mar. 1969. [1969.] iv+36 p. il. 4° (370 DM supplement \$10, DM addition to FPM; Office of Assistant Secretary for Administration, Office of Personnel Management.) † ● Item 603-D I 1.73/2: 14  
L.C. card 72-601433
- [Saline water] research and development progress reports. (Office of Saline Water.) I 1.88: (nos.)
- 7084 227. Properties of sea water and its concentrates up to 200° C [with list of literature cited]; by L. A. Bromley, University of California at San Diego, La Jolla, Calif. Dec. 1966. [2]+viii+54 p. il. 4° \* Paper, 40c.
- 7085 403. Mass transfer in laminar and turbulent hyperfiltration systems [with bibliographies]; by William N. Gill, Lewis J. Derzansky, and Mahendra R. Doshi, Clarkson College of Technology, Potsdam, N.Y. Feb. 1969. [94] p. il. 4° (Grant 14-01-0001-976.) \* Paper, \$1.00. ● Item 604-A-1

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- 7086 406. Recovery of salts from saline water via solvent extraction, final report [with lists of references]; by R. E. Grinstead, J. C. Davis and S. W. Snider, Dow Chemical Company, Walnut Creek, Calif. [1969.] v+132 p. il. 4° (Contract 14-01-0001-1134.) \* Paper, \$1.25. ● Item 604-A-1
- 7087 408. Development of methods for determining ice particle size distribution from freeze desalination crystallizers [with list of references]; by G. R. Schneider, P. R. Newton, and D. F. Sheehan, Rocketdyne Division, North American Rockwell Corporation, Canoga Park, Calif. Mar. 1969. iv+44 p. il. 4° (Contract 14-01-0001-333.) \* Paper, 50c. ● Item 604-A-1
- 7088 409. Transport processes in electrochemically controlled ion-exchange desalination [with list of references]; by S. Evans [and others], Rocketdyne Division, North American Rockwell Corporation, Canoga Park, Calif. Mar. 1969. v+86 p. il. 4° (Contract 14-01-1316.) \* Paper, \$1.25. ● Item 604-A-1
- 7089 412. Heats and entropies of transport of ions in aqueous saline systems [with list of references]; by Andre J. DeBethune, Boston College, Chestnut Hill, Mass. Jan. 1969. viii+91 p. il. 4° (Grant 14-01-0001-389.) \* Paper, \$1.00. ● Item 604-A-1
- 7090 413. Coupling phenomena in synthetic membranes [with bibliographies]; by S. Roy Caplan, Harvard Medical School, Biophysical Laboratory, Cambridge, Mass. Apr. 1969. iii+122 p. il. 4° (Contract 14-01-0001-977.) \* Paper, \$1.25. ● Item 604-A-1
- 7091 Statement of Secretary of Interior Walter J. Hickel to opening session, Enforcement Conference on the Potomac, Washington, D.C., Apr. 2, 1969. [1969.] 2 leaves 4° † I1.68: H 52/3

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- 7092 Administrative intern program, Internal Revenue Service. [1969.] cover title, 12 p. il. 4° ([Publication 648 (3-69).]) † ● Item 956  
T 22.2: Ad 6/2
- 7093 Looseleaf regulations system: Service 1, Income Tax, transmittal 119. Jan. 31, 1969. [182] p. 4° ● Item 961 T 22.19/3: 1/trans.119
- 7094 — Service 1, Income Tax, transmittal 120. Feb. 14, 1969. [38] p. 4° ● Item 961 T 22.19/3: 1/trans.120
- NOTE.—Service 1 consists of pts. 1, 2, 18, and 19 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$16.00 (including basic material and supplements issued irregularly for approximately 3 years); \$4.00 additional for foreign mailing.
- 7095 — Service 3, Employment tax, transmittal 24. Feb. 14, 1969. [92] p. 4° ● Item 961 T 22.19/3: 3/trans.24
- NOTE.—Service 3 consists of pts. 31 and 36 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$2.75 (including basic material and supplements issued irregularly for approximately 3 years); 75c. additional for foreign mailing.
- 7096 — Service 4, Excise taxes, transmittal 55. Jan. 31, 1969. [11] p. 4° ● Item 961 T 22.19/3: 4/trans.55
- NOTE.—Service 4 consists of pts. 40-42, 44-50, and 146-150 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$8.00 (including basic material and supplements issued irregularly for approximately 3 years); \$3.00 additional for foreign mailing.
- 7097 — Service 5, Procedure and administration, transmittal 47. Mar. 21, 1969. [16] p. 4° ● Item 961 T 22.19/3: 5/trans.47
- NOTE.—Service 5 consists of pts. 152, 301-303 and 601 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$4.50 (including basic material and supplements issued irregularly for approximately 3 years); \$1.00 additional for foreign mailing.
- 7098 Questions and answers, Gun control act of 1968. [1969.] 24 p. oblong 32° (Publication 650 (4-69).) \* Paper, 15c. ● Item 956 T 22.2: G 95
- 7099 Statistics of income, 1965: Corporation income tax returns. [1969.] cover title, vi+354 p. il. 4° ([Publication 16 (3-69), Statistics Division; 1916-65, 50th year.]) \* Paper, \$3.25. ● Item 964 T 22.35/2: C 81/965  
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Page 49

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- 7100 Commercial guide, 1969: Holidays around world listed. [1969.] 26 p. narrow  
12" [Reprinted from International Commerce.] \* Paper, 20c.  
C 42.8/a: H 717/2
- Foreign economic trends and their implications for United States, ET  
(series). \* Paper, \$15.00 a yr., \$6.00 additional for foreign mailing.  
● Item 231-I C 42.30: (nos.)
- 7101 69-5. Chad. [Jan. 5, 1969.] 8 p. 4° (American Embassy, Fort Lamy.) [Annual.]  
L.C. card 70-601364
- 7102 69-19. Uruguay. Mar. 1, 1969. 8 p. 4° [Semiannual.]
- 7103 69-20. Upper Volta. Mar. 10, 1969. 8 p. 4° [Annual.]  
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- 7104 69-21. Italy. Mar. 15, 1969. 12 p. 4° [Semiannual.]
- 7105 69-22. Turkey. Mar. 14, 1969. 8 p. 4° [Semiannual.]
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- 7109 69-26. Pakistan. Mar. 14, 1969. 11 p. 4° [Semiannual.]
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- 7116 69-34. Netherlands. Apr. 1, 1969. 15 p. il. 4° [Semiannual.]
- 7117 Market share reports catalog, Supplement 2 to 1969 semiannual checklist,  
international business publications. Mar. 1969. 16 p. 4° † ● Item 321-D  
C 42.15: C 41/969/supp.2
- 7118 Opportunities for newcomers in international marketing, text of address  
by E. E. Schnellbacher, Assistant Director, Bureau of International Com-  
merce, Department of Commerce, prepared for delivery at 2d annual  
International Marketing Seminar at University of Dayton, Dayton, Ohio,  
Mar. 26, 1969. [1969.] 6 p. 4° † C 42.18: Sch 5/26
- 7119 Semiannual checklist, Bureau of International Commerce, international  
business publications. Mar. 1969. 20 p. il. 4° † ● Item 231-D  
C 42.15: C 41/969
- 7120 U.S. foreign trade, five-year outlook with recommendations for action. Apr.  
1969. vi+88 p. il. 4° \* Paper, \$1.00. ● Item 231-A C 42.2: F 76/4  
L.C. card 73-601373

## INTERNATIONAL DEVELOPMENT AGENCY, State Dept. Washington, DC 20523

- 7121 Development assistance in new Administration, report of President's Gen-  
eral Advisory Committee on Foreign Assistance Programs, Oct. 25, 1968.  
[1969.] [3]+43 p. 4° † S 18.2: D 49/2  
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- 7122 Estimates of gross national product, calendar year 1967 in current market  
prices (dollar equivalents). Mar. 7, 1969. 7 p. 4° (Statistics and Re-  
ports Division, Office of Program and Policy Coordination; Reports con-  
trol 137.) † S 18.2: G 91/967
- 7123 Handbook of tropical and subtropical horticulture [with bibliographies];  
by Ernest Mortensen and Ervin T. Bullard. [May 1964, revised Apr.  
1968.] [1969.] viii+186 p. il. 4° ([Agriculture Technical Services Desk,  
Agriculture and Rural Development Service, Office of War on Hunger.])  
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Page 51

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- 7153 47803. Propagation and damping of sound vibrations on ships, USSR [with bibliography]; by A. S. Nikiforov, et al. Apr. 8, 1969. cover title, a-b+254 p. il. 4° [Leningrad, Shipbuilding Publishing House, 1968.] \* Paper, \$3.00.
- 7154 47806. Practical uses of atomic power, USSR [articles]. Apr. 8, 1969. cover title, a+42 p. il. 4° [From Priroda, Jan. 1969.] \* Paper, \$3.00.
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- 7160 47828. Manual of scuba diving, USSR [with bibliography]; by S. Ye. Bulenkov, et al. Apr. 11, 1969. cover title, a-d+231 p. il. 4° [Moscow, Publishing House of Ministry of Defense, 1968.] \* Paper, \$3.00.

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- 7163 Cooperative area manpower planning system, concentrating manpower services against poverty. [Feb. 1969.] [8] p. il. narrow 8° (Manpower Administration.) \* Paper, 15c. \* Item 745 L 1.2: M 31/55
- Manpower/automation research monograph.
- 7164 10. Americans volunteer; [by Phyllis Groom]. [Apr. 1969.] III+43 p. il. 4° (Manpower Administration.) \* Paper, 50c. \* Item 746-H L 1.39/3: 10  
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- 7168 Maritime safety data, longshoring: Longshoring accidents, analysis of injuries, 1966-67. [Dec. 1968.] 11 p. 4° (MSD LS-405.) † \* Item 765-E L 16.47/5: Ac 2/966-67
- 7169 State safety code comparison studies; [prepared in Office of Occupational Safety]. [1969.] vii+17 p. il. 4° ([OOS LS-51.1]) [Six code comparison studies started in 1965 and completed in 1967.] † \* Item 765 L 16.2: Sa 1/28/969

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Page 53

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## LABOR STATISTICS BUREAU, Labor Dept. Washington, DC 20210

- Bulletins. ● Item 768 L 2.3:(nos.)
- 7170 1425-7. Major collective bargaining agreements: Training and retraining provisions; [prepared by Leon E. Lundén]. Mar. 1969. v+39+[1] p. [Includes list of available Bulletins of 1425 series on major collective bargaining agreements.] \* Paper, 50c.  
L.C. card L65-11
- 7171 1471. Wage chronology: Massachusetts shoe manufacturing, supplement 1967-68. Mar. 1969. 4 p. 4° †  
L.C. card L62-7
- 7172 1597. Digest of 100 selected pension plans under collective bargaining spring 1968; [prepared by Harry E. Davis.]. Feb. 1969. xii+87 p. oblong 8° [Revision of digest of 100 selected pension plans under collective bargaining, late 1964, Bulletin 1435, 1965. Complements Digest of 50 selected pension plans for salaried employees, summer 1965 Bulletin 1477, 1966.] \* Paper, \$1.00.
- 7173 1606. Tomorrow's manpower needs, national manpower projections and guide to their use as tool in developing State and area manpower projections: v. 1. Developing area manpower projections. Feb. 1969. v+100+[1] p. il. 4° \* Paper, \$1.00.  
L.C. card 70-601372
- 7174 1606. Tomorrow's manpower needs, national projections and guide to their use as tool in developing State and area manpower projections: v. 4. National industry-occupational matrix and other manpower data. Feb. 1969. v+247+[1] p. 4° \* Paper, \$2.00.  
L.C. card 70-601372
- 7175 1611. Analysis of work stoppages, 1967; [prepared by Howard N. Fullerton] Mar. 1969. v+54 p. 4° \* Paper, 60c.  
L.C. card L42-198
- 7176 1615. Industry wage survey: Communications, 1967; [prepared by Michael J. Tighe]. v+14+[2] p. il. 4° \* Paper, 30c.  
L.C. card L54-100
- 7177 1625-23. Area wage survey: Sioux Falls, S. Dak., metropolitan area, Oct. 1968. Mar. 1969. iii+20 p. oblong 8° \* Paper, 30c.  
L.C. card 66-40
- 7178 1625-24. Area wage survey: Columbus, Ohio, metropolitan area, Oct. 1968. Mar. 1969. iii+28 p. oblong 8° \* Paper, 35c.  
L.C. card L66-33
- 7179 1625-26. Area wage survey: Omaha, Nebr.-Iowa, metropolitan area, Oct. 1968. iii+27 p. oblong 8° \* Paper, 35c.  
L.C. card L 66-38
- 7180 1625-27. Area wage survey: Fort Worth, Tex., metropolitan area, Nov. 1968. Mar. 1969. iii+27 oblong 8° \* Paper, 35c.  
L.C. card L66-65
- 7181 1625-28. Area wage survey: Dallas, Tex., metropolitan area, Nov. 1968. Mar. 1969. iv+37 p. oblong 8° \* Paper, 50c.  
L.C. card 66-23
- 7182 1625-29. Area wage survey: Miami, Fla., metropolitan area, Dec. 1968. Mar. 1969. iii+28 p. oblong 8° \* Paper, 35c.  
L.C. card L66-79
- 7183 1625-32. Area wage survey: San Diego, Calif., metropolitan area, Nov. 1968. Mar. 1969. iii+15 p. oblong 8° \* Paper, 30c.  
L.C. card L66-59
- 7184 1625-33. Area wage survey: Louisville, Ky.-Ind., metropolitan area, Nov. 1968. Mar. 1969. iii+17 p. oblong 8° \* Paper, 30c.  
L.C. card L66-96
- 7185 Directory of industry wage studies and union scale studies, 1960-Oct. 1968. Revised Oct. 1968. [1969.] cover title, 1+21 p. [This issue brings up to date earlier Directory released Aug. 1966.] \* Paper, 20c. ● Item 768-E  
L.C. card L 61-66 L 2.34/2: W 12/960-68
- 7186 Directory of labor organizations in Malaysia; [prepared in Office of Foreign Labor and Trade]. [Jan. 1969.] [2]+10 p. 4° [Revises information contained in chap. 29 and 43 of Directory of labor organizations, Asia and Australasia, 1963. Issued with perforations.] † L 2.72/4: M 29
- 7187 Directory of labor organizations in Republic of Korea; [prepared in Office of Foreign Labor and Trade]. [Jan. 1969.] [2]+4 p. 4° [Revises information contained in chap. 24 of Directory of labor organizations, Asia and Australasia, 1963. Issued with perforations.] † L 2.72/4: K 84
- 7188 Labor conditions and labor organizations in Australia; [prepared in Office of Foreign Labor and Trade]. [Mar. 1967.] [2]+17 p. 4° [Revises information contained in chap. 3 of Directory of labor organizations, Asia and Australasia, 1963. Issued with perforations.] † L 2.72/4: Au 7

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# MAY 1969

- 7189 Labor conditions and labor organizations in New Zealand; [prepared in Office of Foreign Labor and Trade]. [Mar. 1967.] [2]+11 p. 4° [Revises information contained in chap. 36 of Directory of labor organizations, Asia and Australasia, 1963. Issued with perforations.] †  
L 2.72/4: N 42z

## LAKE SURVEY (Army), Defense Dept. 630 Federal Bldg., Detroit, MI 48226

- 7190 Great Lakes pilot, 1969. [1969.] 619 p. il. 4° [Bearings are true and distances are expressed in statute miles. Supplements information given upon charts published by Lake Survey. Supersedes all previous pilots for above-named waters.] † Paper, \$5.25 (including supplements), Lake Survey District, Army Engineers Corps, 630 Federal Bldg., Detroit, MI 48226. ● Item 338  
L.C. card 6-7112 D 103.203: 969

## LAND MANAGEMENT BUREAU, Interior Dept. Washington, DC 20240

- 7191 Patenting mining claim on Federal lands, basic procedure. [Revised 1968.] [1969.] cover title, [12] p. narrow 8° † ● Item 631 I 53.2: M 66/5

## LIBRARY OF CONGRESS Washington, DC 20540

- 7192 Detroit and vicinity before 1900, annotated list of maps; compiled by Alberta G. Auringer Koerner. 1968. iv+[2]+84 p. il. (Geography and Map Division, Reference Department.) \* Paper, 45c. ● Item 811-A  
L.C. card 68-67060 LC 5.2: D 48
- 7193 Library of Congress publications in print Mar. 1969. 1969. iv+37 p. [Supersedes Mar. 1968 list.] † ● Item 785-A  
L.C. card 6-35005 LC 1.12/2: P 96/969

## MARINE CORPS (Navy), Defense Dept. Washington, DC 20350

### Fleet Marine Force manual FMFM (series).

- 7194 4-5. Medical and dental support [with list of references]. [1969.] [6]+v+99 p. il. 4° [Issued with perforations. Supersedes FMFM 4-5, Aug. 26, 1965.] † ● Item 384 D 214.9/4: 4-5/3

## MARITIME ADMINISTRATION, Commerce Dept. Washington, DC 20548

- 7195 Maritime subsidies: [prepared by Irwin M. Heine and Muriel W. Coe]. 1969. xii+124 p. [Includes list of sources of information.] \* Paper, 60c. ● Item 235  
L.C. card 78-601405 C 39.202: Su 1/2
- 7196 Research and development progress, July 1, 1967-June 30, 1968 [with list of in-house studies]. [1969.] v+50 p. il. (Office of Research and Development.) \* Paper, 35c. ● Item 235  
L.C. card 70-601427 C 39.202: R 31/967-68

## MEDICINE AND SURGERY BUREAU (Navy), Defense Dept. Washington, DC 20350

### U.S. Naval Submarine Medical Center, Submarine Base, Groton, Conn.: Reports. † D 206.10: (nos.)

- 7197 548. Perception of pitch in white noise mask [with list of references]; by Alan M. Richards. Oct. 10, 1968. cover title, iii+9+[2] p. il. 4° (Research work unit MF 12.524.004-9010-D.)
- 7198 550. Extra-alveolar air resulting from submarine escape training, post-training roentgenographic survey of 170 submariners [with list of references]; by Reese E. James. Oct. 15, 1968. cover title, iv+9+2 p. 4° (Research work unit MF 022.03.03.9025.32.)

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## U.S. Naval Submarine Medical Center—Continued

- 7199 551. Underwater visibility of colors with artificial illumination [with list of references]; by Jo Ann S. Kinney, S. M. Luria and Donald O. Weltzman. Oct. 15, 1968. cover title, iii+8+2 p. il. 4° (Research work unit MF 12.524.004-9014D.)
- 7200 555. Intelligibility of helium-speech as function of speech-to-noise ratio [with list of references]; by Russell L. Sergeant and Christine L. McKay. Oct. 31, 1968. cover title, iii+5+2 p. (Research work unit MF 12.524.004-9011D.02.)
- 7201 557. Stereoscopic and resolution acuity with varying field of view [with list of references]; by S. M. Luria. Dec. 6, 1968. cover title, iii+5+[2] p. 4° (Research work unit MF 12.524.004-9014D.02.)

## MILITARY HISTORY, OFFICE OF CHIEF OF (Army), Defense Dept. Washington, DC 20315

- 7202 Directory, U.S. Army museums, 1968 [published 1969]. viii+95 p. il. 4°  
[Issued in looseleaf form.] † ● Item 344  
L.C. card 71-601335 D 114.2: M 97

## MINES BUREAU, Interior Dept. Washington, DC 20240

### Bulletin.

- 7203 647. Fluorine micas [with bibliographies] by Haskiel R. Shell and Kenneth H. Ivey. [1969.] viii+291 p. il. 4° \* Paper, \$2.75. ● Item 636  
L.C. card 78-601377 I 28.3: 647
- 7204 Copper in 1967; prepared by J. A. Rowland. Feb. 2, 1968. 10 p. 4° (Mineral industry surveys; Copper industry, annual, supplement.) † Mines Bureau, Pittsburgh, PA 15213 I 28.59/3: 967/supp.
- 7205 Distribution of Pennsylvania anthracite for coal year Apr. 1, 1967-Mar. 31, 1968; [prepared by Staff, Division of Environmental Activities, Mineral Resource Evaluation]. Oct. 21, 1968. 12 p. 4° (Mineral industry surveys; Pennsylvania anthracite distribution annual.) † Mines Bureau, Pittsburgh, PA 15213 I 28.50/3: 967-68
- Information circulars. ● Item 637-A I 28.27: (nos.)
- 7206 8398. Helium bibliography of technical and scientific literature, 1962, including papers on alpha-particles; by Phillip C. Tully and Lowell Stroud. [1969.] [2]+vi+357 p. 4° \* Paper, \$3.25.
- 7207 8404. Waste disposal costs of Florida phosphate operation; by J. R. Boyle. [1969.] [5]+24 p. il. 4° \* Paper, 35c.
- 7208 8406. Waste disposal costs at 2 coal mines in Kentucky and Alabama [with list of references]; by V. A. Danielson and D. H. White, jr. [1969.] [2]+iv+28 p. il. 4° \* Paper, 40c.
- 7209 International petroleum annual, 1967. Mar. 1969. cover title, [1]+18 p. 4° † Mines Bureau, Pittsburgh, PA 15213 ● Item 642-A  
L.C. card 68-60741 I 28.43/3: 967
- 7210 Mineral industry of Turkey; [by E. Shekarchi]. [1969.] [2]+10 p. [Preprint from Minerals yearbook, 1967.] \* Paper, 10c.  
I 28.37/a 2: T 847/967
- 7211 Platinum-group metals in 1968; [prepared in Mineral Resource Evaluation]. Dec. 24, 1968. 2 p. 4° (Mineral industry surveys; Annual, preliminary.) † Mines Bureau, Pittsburgh, PA 15213  
I 28.77/2: 968/prelim.
- Report of investigations. ● Item 637-A I 28.23: (nos.)
- 7212 7238. Rotary coring of Appalachian area oil-producing formations with mud or air [with list of references]; by R. L. Rough. [Mar. 1969.] [2]+ii+32 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 7213 7240. Major ash constituents in U.S. coals; by R. F. Abernethy, M. J. Peterson, and F. H. Gibson. [1969.] [3]+9 p. 4° † Mines Bureau, Pittsburgh, PA 15213
- 7214 7243. Transformations of elastic constants for anisotropic media by successive simple rotations [with list of references]; by Thomas R. Bur. [Mar. 1969.] [2]+ii+15 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 7215 7245. Separation of feldspar, quartz, and mica from granite; by T. E. Hill, jr. [and others]. [Mar. 1969.] [2]+ii+25 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 7216 7246. Phase diagram for KF-YF<sub>3</sub> system [with list of references]; by Bernard Porter, R. E. Meaker, and P. R. Bremner. [1969.] [3]+8 p. 4° † Mines Bureau, Pittsburgh, PA 15213

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- 7217 7247. Preparation of tungsten carbide by electrodeposition [with list of references]; by John M. Gomes and M. M. Wong. [Apr. 1969.] iii+13 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 7218 7248. Theoretical relationship between density and oil yield for oil shales [with list of references]; by John Ward Smith. [Apr. 1969.] [3]+14 p. 4° [Based on work done in cooperation with University of Wyoming.] † Mines Bureau, Pittsburgh, PA 15213
- 7219 7249. Five-piece concrete sets for small mine openings, progress report; by K. R. Dorman, M. O. Serbousek, and M. E. Poad. [Apr. 1969.] [2]+iii+45 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
- 7220 7250. Experimental leaching of gold from mine waste [with list of references]; by H. J. Heinen and Bernard Porter. [Apr. 1969.] [3]+5 p. 4° † Mines Bureau, Pittsburgh, PA 15213
- 7221 7251. Recovering gold from graphitic schist from Tallapoosa County, Ala.; by G. V. Sullivan, James S. Browning, and S. J. Sanders. [Apr. 1969.] [3]+11 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

**MOTOR CARRIER SAFETY BUREAU, Transportation Dept.  
Washington, DC 20591**

Motor carrier accident investigation reports. † TD 2.309:(nos.)

- 7222 68-10. Suburban Motor Freight, Inc., accident, Sept. 27, 1968, Montpelier, Ohio. [1969.] 9 p. il. 4°
- 7223 68-12. Hofferber Truck Line, Inc., accident of Nov. 23, 1968, Admire, Kans. [1969.] [1]+9 p. il. 4°

**NATIONAL ADVISORY COUNCIL ON EDUCATION PROFESSIONS  
DEVELOPMENT**

**308 Vanguard Building, 1111 20th Street, N.W.  
Washington, DC 20036**

NOTE.—The National Advisory Council on Education Professions Development was established by Public Law 90-35, approved June 29, 1967.

- 7224 2d annual report, National Advisory Council on Education Professions Development. [1969.] cover title, [3]+72 p. 4° † ● Item 1091  
Y 3.Ed 8/3: 1/969

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
Washington, DC 20546**

NASA contractor report CR (series). NAS 1.26:(nos.)

- 7225 976. Design and development of multipurpose, borsighted star tracker [with bibliography]; by George V. Zito and E. A. Chilton. Mar. 1969. cover title, ii+103+8 p. il. 4° [Prepared under contract NAS 5-3780 by Bendix Corporation, Teterboro, N.J.] † Paper, \$3.00.
- 7226 1272. Boundedness theorems and other mathematical studies of Hodgkin-Huxley type system of differential equations, numerical treatment of thresholds and stationary values [with list of references]; Stephen W. Brady. Mar. 1969. cover title, iii+128 p. il. 4° [Prepared under grant NSR 39-080-001 by Mathematics and Biology Corporation, Benton, Kans.] † Paper, \$3.00.
- 7227 1270. Stable crack propagation in viscoelastic strip [with list of references]; by Hans-Karl Mueller. Mar. 1969. cover title, xvii+129 p. il. 4° [Prepared under grant NSG-172-60 by California Institute of Technology, Pasadena, Calif.] † Paper, \$3.00.
- 7228 1284. Hand-printed input for on-line systems [with bibliography]; by M. I. Bernstein and H. L. Howell. Mar. 1969. cover title, vii+108 p. il. 4° [Prepared under contract NAS 12-526 by System Development Corporation, Santa Monica, Calif.] † Paper, \$3.00.
- 7229 1285. Potential structural materials and design concepts for light aircraft [with list of references]; Mar. 1969. cover title, ix+35 p. il. 4° [Prepared under contract NAS 2-4423 by San Diego Aircraft Engineering, Inc., San Diego, Calif.] † Paper, \$3.00.
- 7230 1290. High-performance turboalternator and associated hardware: 1, Design of turboalternator [with list of references]; by R. Cohen, W. K. Gilroy, and W. B. Spencer. Mar. 1969. cover title, xix+197 p. il. 4° [Prepared under contract NAS 3-6013 by Pratt & Whitney Aircraft Division of Analysis Corporation, Los Angeles, Calif.] † Paper, \$3.00.
- 7231 1291. High-performance turboalternator and associated hardware: 2, Design of gas bearings [with list of references]; by A. Frost, J. W. Lund, and P. W. Curwen. Mar. 1969. cover title, xvi+334 p. il. 4° [Prepared under contract NAS 3-6013 by Mechanical Technology Incorporated, Latham, N.Y. under subcontract to Pratt & Whitney Aircraft, division of United Aircraft Corporation, East Hartford, Conn.] † Paper, \$3.00.

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## NASA contractor report CR (series)—Continued

- 7232 1296. Systems approach to evaluating *Hydrogenomonas* cultures [with list of references]; by John F. Foster and John H. Litchfield. Apr. 1969. cover title, [1]+46 p. il. 4° [Prepared under contract NAS 2-4270 by Battelle Memorial Institute, Columbus, Ohio.] ♦ Paper, \$3.00.
- 7233 1297. Model tests on jet-induced lift effects on VTOL aircraft in hover [with list of references]; by P. K. Shumpert and J. G. Tibbetts. Mar. 1969. cover title, iii+127 p. il. 4° [Prepared under contract NAS 1-7891 by Lockheed-Georgia Company, Marietta, Ga.] ♦ Paper, \$3.00.
- 7234 1298. Space geodesy altimetry study [with lists of references]; by Myer Kolker and Ephraim Weiss. Mar. 1969. cover title, [408] p. il. 4° [Prepared under contract NASw-1709 by Raytheon Company, Sudbury, Mass. Issued by originator as report R68-4459.] ♦ Paper, \$3.00.
- 7235 1299. Sonic boom propagation in stratified atmosphere, with computer program [with list of references]; by Wallace D. Hayes, Rudolph C. Haefell, and H. E. Kulsrud. Apr. 1969. cover title, iii+148 p. il. 4° [Prepared under contract NAS 1-7721 by Aeronautical Research Associates of Princeton, N.J.] ♦ Paper, \$3.00.
- 7236 1302. Summary of random vibration prediction procedures [with list of references]; by E. L. Barnoski [and others]. Apr. 1969. cover title, xii+130 +9A p. il. 4° [Prepared under contract NAS 8-20020 by Measurement Analysis Corporation Los Angeles, Calif.] ♦ Paper, \$3.00.
- 7237 1303. Calculation of compressible turbulent boundary layers with pressure gradients and heat transfer [with list of references]; by Larry L. Lynes, Jack N. Nielsen and Gary D. Kuhn. Mar. 1969. cover title, viii+134 p. il. 4° [Prepared under contract NAS 2-4391 by Nielsen Engineering & Research, Inc., Palo Alto, Calif. Issued by originator as report NEAR TR 6.] ♦ Paper, \$3.00.
- 7238 1304. Degradation of multiplier phototubes exposed to spatial radiation [with list of references]; by M. John Brown, M. S. Bae, and S. Park. Mar. 1969. cover title, xiv+237 p. il. 4° [Prepared under contract NAS 1-7648 by EMR-Aerospace Sciences, Weston Instruments, Inc., College Park, Md.] ♦ Paper, \$3.00.
- 7239 1309. Dynamics of vestibular system and their relation to motion perception, spatial disorientation, and illusions [with list of references]; by Richard A. Peters. Apr. 1969. cover title, [1]+xxvii+223 p. il. 4° [Prepared under contract NAS 2-3650 by Systems Technology, Inc., Hawthorne, Calif. for Ames Research Center. Issued by originator as Technical report 168-1.] ♦ Paper, \$3.00.
- 7240 1320. On determination of micromorphic material constants from properties of constituents [with list of references]; by Richard F. Maye. Mar. 1969. cover title, iii+22 p. il. 4° [Prepared under contract NASw-1589 by General Technology Corporation, Lawrenceville, N.J. Issued by originator as Technical report 8-6.] ♦ Paper, \$3.00.
- 7241 1321. Continuum theory for elastic solid with elastic micro-inclusions [with list of references]; by L. M. Habib. Mar. 1969. cover title, iii+22 p. il. 4° [Prepared under contract NASw-1589 by General Technology Corporation, Lawrenceville, N.J. Issued by originator as Technical report 8-7.] ♦ Paper, \$3.00.
- 7242 1322. Lattice model for composite materials [with list of references]; by T. R. Taichert, T. Y. Chang, and A. C. Eringen. Apr. 1969. cover title, iii+22 p. il. 4° [Prepared under contract NASw 1589 by General Technology Corporation, Lawrenceville, N.J. Issued by originator as Technical report 8-8.] ♦ Paper, \$3.00.

## NASA EP (series).

- 7243 50. Space resources for teachers, biology, including suggestions for classroom activities and laboratory experiments, curriculum project [with lists of literature cited]; prepared by University of California, Lawrence Hall of Science, Berkeley, Calif. Jan. 1969. 236 p. il. 4° ♦ Cloth lined paper, \$2.75. NAS 1.19: 50

## NASA facts. [Educational publication of Office of Public Affairs, Educational Program Division.]

- 7244 NF-3. Biosatellite II, [Oct. 1968, published 1969.] 12 p. il. 4° [Some illustrations are colored] ♦ Paper, 35c. ♦ Item 830-H NAS 1.20: NF-3

## NASA SP (series).

NAS 1.21: (nos.)

- 7245 151. Relay program final report [with lists of references]; prepared by Goddard Space Flight Center, Greenbelt, Md. 1968 [published 1969]. iii+365 p. il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) ♦ Paper, \$3.25. ♦ Item 830-I L.C. card 67-61594
- 7246 5070. Teleoperator controls, AEC-NASA technology survey [with list of bibliographies]; by William R. Corliss and Edwin C. Johnson. Dec. 1968 [published Feb. 1969]. viii+162 p. il. [Prepared under contract for Office of Technology Utilization.] ♦ Paper, \$3.00. L.C. card 73-600664

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- 7247 5073. Pavement grooving and traction studies, conference held at Langley Research Center, Hampton, Va., Nov. 18-19, 1968 [with list of references]. 1969. vii+512 p. il. 4° (Technology Utilization Division, Office of Technology Utilization.) ♦ Paper, \$3.00.  
L.C. card 70-601115
- NASA tech briefs. [Issued by Technology Utilization Division to summarize specific technical innovations derived from the space program. Issued with perforations.] ♦ Paper, 15c.
- 7248 63-10030. Flare angles measured with ball gage. May 1968. [2] p. il. 4° (MFS-14690.1) [Corrected copy.] NAS 1.29: 68-10030/corr.
- NASA technical note TN (series). NAS 1.14: D-(nos.)
- 7249 D-4987. Flight performance of FW-4D solid-propellant rocket motor on Delta 50 (AIMP-E) [with list of references]; by Daniel Dembrow. Mar. 1969. cover title, iii+44 p. il. 4° ♦ Paper, \$3.00.
- 7250 D-5020. Scientific experiments for Apollo Telescope Mount. Mar. 1969. cover title, vii+53 p. il. 4° (George C. Marshall Space Flight Center, Huntsville, Ala.) ♦ Paper, \$3.00.
- 7251 D-5029. Full-scale dynamic landing-impact investigation of prototype lunar module landing gear [with list of references]; by Ulyssee J. Blanchard. Mar. 1969. cover title, [1]+41 p. il. 4° ♦ Paper, \$3.00.
- 7252 D-5030. Exploratory investigation of flow field resulting from forward-facing nozzles exhausting near large cylindrical body at free-stream Mach numbers of 3.0 and 6.0 [with list of references]; by Robert J. McGhee and James A. Martin. Mar. 1969. cover title, [1]+39 p. il. 4° ♦ Paper, \$3.00.
- 7253 D-5046. Method for determining total drag of pointed body of revolution in supersonic flow with turbulent boundary layer [with list of references]; by Charlie M. Jackson, Jr., and Rudeen S. Smith. Mar. 1969. cover title, [1]+65 p. il. 4° ♦ Paper, \$3.00.
- 7254 D-5048. Effects of cone angle, base flare angle, and corner radius on Mach 3.0 aerodynamic characteristics of large-angle cones [with list of references]; by William D. Dervelkis and James Wayne Sawyer. Mar. 1969. cover title, [2]+45 p. il. 4° ♦ Paper, \$3.00.
- 7255 D-5049. Fixed-base visual simulation of pilot-controlled descents of advanced Apollo spacecraft with all-flexible parawing [with list of references]; by G. Kimball Miller, Jr., Byron M. Jaquet, and Douglas B. Price. Mar. 1969. cover title, [1]+61 p. il. 4° ♦ Paper, \$3.00.
- 7256 D-5050. Mechanical behavior of boron-epoxy and glass-epoxy filament-wound cylinders under various loads [with list of references]; by Harvey W. Herrings, Robert M. Baucou, and Richard A. Pride. Mar. 1969. cover title, [1]+65 p. il. 4° ♦ Paper, \$3.00.
- 7257 D-5054. Experimental pressure distributions on 120° cone at Mach numbers from 2.96 to 4.63 and angles of attack from 0° to 20° [with list of references]; by Robert L. Stallings, Jr., and Dorothy H. Tudor. Mar. 1969. cover title, [1]+76 p. il. 4° ♦ Paper, \$3.00.
- 7258 D-5056. Lithium-drifted silicon detectors as low-energy photon spectrometers [with list of references]; by Sherwin M. Beck. Mar. 1969. cover title, [1]+22 p. il. 4° ♦ Paper, \$3.00.
- 7259 D-5057. Numerical method for evaluation and utilization of supersonic nacelle-wing interference [with list of references]; by Robert J. Mack. Mar. 1969. cover title, [1]+26 p. il. 4° ♦ Paper, \$3.00.
- 7260 D-5063. Thermal conduction through evacuated idealized powder over temperature range of 100° to 500° K [with list of references]; by Ronald B. Merrill. Mar. 1969. cover title, vi+76 p. il. 4° ♦ Paper, \$3.00.
- 7261 D-5072. Description and evaluation of digital-computer design-analysis program for homopolar inductor alternators [with list of references]; by David S. Repas and Gary Bollenbacher. Mar. 1969. cover title, iii+90 p. il. 4° ♦ Paper, \$3.00.
- 7262 D-5074. Performance of various oxide-magazine cathodes in Kaufman thrusters [with list of references]; by David C. Byers. Mar. 1969. cover title, ii+27 p. il. 4° ♦ Paper, \$3.00.
- 7263 D-5077. Parameters affecting firing time of simultaneously triggered trizatron spark zap switches [with list of references]; by Michael D. Williams. Mar. 1969. cover title, [1]+30 p. il. 4° ♦ Paper, \$3.00.
- 7264 D-5078. Possible applications of continuity-equation plasma oscillation to pulsars and other periodic astrophysical phenomena [with list of references]; by J. Reece Roth. Mar. 1969. cover title, iii+57 p. il. 4° ♦ Paper, \$3.00.
- 7265 D-5080. Measured effects of gaseous flow system dynamics on acoustic-mode combustion instability [with list of references]; by John F. Groeneweg. Mar. 1969. cover title, ii+15 p. il. 4° ♦ Paper, \$3.00.
- 7266 D-5082. Suboptimal approximation to kalman filter [with list of references]; by Leon Bess. Mar. 1969. cover title, [2]+26 p. 4° ♦ Paper, \$3.00.
- 7267 D-5083. Fourier analysis by method of selected ordinates [with one reference]; by James N. Hallock. Mar. 1969. cover title, [2]+26 p. 4° ♦ Paper, \$3.00.
- 7268 D-5084. Characteristics study of bicone mixed-compression inlet for Mach 1.80 to 2.50 [with one reference]; by Bernhard H. Anderson. Mar. 1969. cover title, ii+33 p. il. 4° ♦ Paper, \$3.00.

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## NASA technical note TN (series)—Continued

- 7269 D-5090. Cold performance evaluation of 4.97-inch radial-inflow turbine designed for single-shaft Brayton cycle space-power system [with list of references]; by William J. Nushbaum and Milton G. Kofskey. Mar. 1969. cover title, ii+22 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7270 D-5093. Solubilities of vanadium, titanium, and zirconium in liquid potassium [with list of references]; by Stephan Secura. Mar. 1969. cover title, ii+19 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7271 D-5094. Dynamic analysis of permanent magnet stepping motors [with list of references]; by David J. Robinson. Mar. 1969. cover title, ii+63 p. il. 4°  $\Phi$  Paper, \$3.00.  
L.C. card 70-601324
- 7272 D-5095. Noncavitating and cavitating performance of several low area ratio water jet pumps having throat lengths of 3.54 diameters [with list of references]; by Nelson L. Sanger. Mar. 1969. cover title, iii+32 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7273 D-5096. Lubrication with some polyphenyl ethers and superrefined mineral oils in 600°F (316°C) inerted vane pump loop [with list of references]; by William R. Jones, Jr., William F. Bady, and Max A. Swikert. Mar. 1969. cover title, ii+16 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7274 D-5097. Preliminary investigation of graphite fluorite (CF<sub>3</sub>)<sub>n</sub> as solid lubricant [with list of references]; by Robert L. Fusaro and Harold E. Silney. Mar. 1969. cover title, ii+18 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7275 D-5098. Effect of plug and shroud geometry variables on plug-nozzle performance at transonic speeds [with list of references]; by Bobby L. Berrier. Mar. 1969. cover title, [1]+195 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7276 D-5102. Large-scale tests on airplane model with double-delta wing, including longitudinal and lateral characteristics and ground effects [with list of references]; by Victor R. Corsiglia, David G. Koenig, and Joseph P. Morelli. Mar. 1969. cover title, [1]+80 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7277 D-5103. Resonant mode analysis of the Fitzgerald apparatus [with list of references]; by James P. Cusick and Donald R. Behrendt. Mar. 1969. cover title, ii+20 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7278 D-5105. Effect on gravitational-model selection on accuracy of lunar orbit determination from short data arcs [with list of references]; by Harold A. Hamer and Katherine G. Johnson. Mar. 1969. cover title, [1]+39 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7279 D-5107. On lateral cable oscillations of cable-connected space stations [with list of references]; by Willard W. Anderson. Mar. 1969. cover title, [1]+83 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7280 D-5108. Effects of bottom-structure flexibility on water landing loads of Apollo spacecraft models [with list of references]; by Sandy M. Stubbs and Melvin E. Hathaway. Mar. 1969. cover title, [1]+30 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7281 D-5109. Calorimetric evaluation of two cone-column solar-energy concentrators [with list of references]; by Marvin D. Rhodes and Conrad M. Willis. Mar. 1969. cover title, [1]+24 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7282 D-5110. Tables of mie scattering functions for particles with refractive index 1.5 [with list of references]; by M. P. McCormick and J. D. Lawrence, Jr. Mar. 1969. cover title, [1]+54 p. 4°  $\Phi$  Paper, \$3.00.  
L.C. card 76-601320
- 7283 D-5113. Use of tungsten-184 as thermal flux monitor at high temperatures [with list of references]; by Lauren L. Ball, Paul J. Richardson, and Dean W. Shelby. Mar. 1969. cover title, ii+7 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7284 D-5114. Low-density foam for insulating liquid-hydrogen tanks [with list of references]; by Irving E. Summer. Mar. 1969. cover title, ii+50 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7285 D-5115. Effect of flow rate on dynamic contact angle for wetting liquids [with list of references]; by Thom A. Coney and William J. Masica. Mar. 1969. cover title, ii+21 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7286 D-5116. Mathematical analysis of Fitzgerald apparatus [with list of references]; by Donald R. Behrendt and James P. Cusick. Mar. 1969. cover title, ii+17 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7287 D-5117. Optimal 3 dimensional launch vehicle trajectories with attitude and attitude rate constraints [with list of references]; by Fred Teren and Omer F. Spurlock. Mar. 1969. cover title, ii+47 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7288 D-5120. Effects of cloud cover on selection of recovery sites for future earth orbital missions [with list of references]; by Paul F. Holloway. Apr. 1969. cover title, [1]+19 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7289 D-5122. Investigation of plasma accelerator with magnetic field arranged to produce divergent-nozzle effect [with list of references]; by Joseph D. Brooks and William D. Beasley. Apr. 1969. cover title, [1]+31 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7290 D-5123. Rendezvous and station-keeping simulator with fly-round capability and virtual-image viewing [with list of references]; by William M. Kahlbaum, Jr., Richard E. Bardusch, and John J. Stumpf. Apr. 1969. cover title, [1]+39 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7291 D-5125. On the resolution and image intensity of field-ion microscope [with list of references]; by Victor G. Weizer and Americo F. Forestieri. Mar. 1969. cover title, ii+14 p. il. 4°  $\Phi$  Paper, \$3.00.

\*For Sale by Superintendent of Documents

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‡Official Use. Not Available

- 7292 D-5131. Effect of ultrasonic vibration on precipitation hardening of steels and superalloys [with list of references]; by Stanley G. Young and L. Leonard. Mar. 1969. cover title, ii+36 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7293 D-5132. Viscous flow in short cylindrical vortex chamber with finite swirl ratio [with list of references]; by Robert W. Hornbeck. Mar. 1969. cover title, ii+32 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7294 D-5136. Fabrication of cermets of uranium nitride and tungsten or molybdenum from mixed powders and from coated particles [with list of references]; by Philip D. Takkunen. Apr. 1969. cover title, iv+31 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7295 D-5137. Superconductive dust cores for inductive elements [with list of references]; by Russell J. Jirberg. Apr. 1969. cover title, ii+36 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7296 D-5138. Performance and cavitation damage of axial-flow pump in 1500° F (1089 K) liquid sodium [with list of references]; by Dean C. Reem-snyder, Walter S. Cunnann, and Carl Weigel. Apr. 1969. cover title, ii+24 p. 4°  $\Phi$  Paper, \$3.00.
- 7297 D-5139. Stress-rupture and tensile properties of refractory-metal wires at 2000° and 2200° F (1093° and 1204° C) [with list of references]; by Donald W. Petrasek and Robert A. Signorelli. Apr. 1969. cover title, [2] +39 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7298 D-5140. Factors influencing low-cycle crack growth in 2014-T6 aluminum sheet at -320° F (77K) [with list of references]; by William S. Pierce and Timothy L. Sullivan. Apr. 1969. cover title, ii+41 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7299 D-5146. Laminar heat-transfer distributions for blunted-cone, cone-frustum re-entry configuration at Mach 10 [with list of references]; by J. David Dearing. Apr. 1969. cover title, [1]+20 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7300 D-5151. Visual simulation image generation using flying-spot scanner [with bibliographies]; by Charles A. Wagner. Apr. 1969. cover title, iii+55 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7301 D-5155. Design and performance of 2 integrated circuits for fluidic-controlled pneumatic stepping-motor system [with list of references]; by Miles O. Dustin and Robert E. Wallhagen. Apr. 1969. cover title, ii+48 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7302 D-5167. Generalized averaging method for linear differential equations with almost periodic coefficients [with list of references]; by Thomas J. Coakley. Apr. 1969. cover title, [1]+15 p. 4°  $\Phi$  Paper, \$3.00.
- 7303 D-5170. Shaft face seal with self-acting lift augmentation for advanced gas turbine engines [with list of references]; by Robert L. Johnson and Lawrence P. Ludwig. Apr. 1969. cover title, ii+21 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7304 D-5171. On design of acoustic liners for rocket engines, Helmholtz resonators evaluated with rocket combustor [with list of references]; by Bert Phillips, Ned P. Hannum, and Louis M. Russell. Apr. 1969. cover title, ii+26 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7305 D-5177. Analysis of light-scattering data from polymer solutions [with list of references]; by James A. Ryan. Apr. 1969. cover title, ii+17 p. il. 4°  $\Phi$  Paper, \$3.00.
- 7306 D-5178. Analysis of cylindrical reactor fuel pin for clad stress caused by fission gases [with list of references]; by Louis Gedeon and Armin F. Lietzke. Apr. 1969. cover title, ii+19 p. il. 4°  $\Phi$  Paper, \$3.00.
- NASA technical report R (series).
- 7307 305. Effects of lithium and oxygen losses on magnetic and crystallographic properties of spinel lithium ferrite [with list of references]; by D. H. Ridgley, H. Lessoff, and J. D. Childress. Mar. 1969. cover title, [1]+30 p. il. 4°  $\Phi$  Paper, \$3.00. NAS 1.12: 305
- 7308 Opportunities or participation in space flight investigations, NHB 8030.1A: Memorandum change 17. Mar. 3, 1969. 4 p. il. 4° \* Paper, \$1.75 (including basic handbook and supplementary material for one year); 50c. additional for foreign mailing. • Item 830-F NAS 1.18: Sp 1/2/ch.17
- 7309 — Memorandum change 18. Mar. 3, 1969. 4 p. il. 4° \* Paper, \$1.75 (including basic handbook and supplementary material for one year); 50c. additional for foreign mailing. • Item 830-F NAS 1.18: Sp 1/2/ch.18
- 7310 — Memorandum change 19. Mar. 10, 1969. 2 p. 4° \* Paper, \$1.75 (including basic handbook and supplementary material for one year) 50c. additional for foreign mailing. • Item 830-F NAS 1.18: Sp 1/2/ch.19
- 7311 — Memorandum change 20. Mar. 20, 1969. [35] p. 4° \* Paper, \$1.75 (including basic handbook and supplementary material for one year); 50c. additional for foreign mailing. • Item 830-F NAS 1.18: Sp 1/2/ch.20
- 7312 — Memorandum change 21. Mar. 24, 1969. 8 p. 4° \* Paper, \$1.75 (including basic handbook and supplementary material for one year); 50c. additional for foreign mailing. • Item 830-F NAS 1.18: Sp 1/2/ch.21



# GOVERNMENT PUBLICATIONS

## NATIONAL ARCHIVES AND RECORDS SERVICE, General Services Administration, Washington, DC 20408

- 7313 Federal population censuses, 1790-1890, [price list of microfilm copies of schedules], erratum. [1969.] 1 p. oblong 24" †  
GS 4.2: P 81/2/790-890-3/erratum
- 7314 List of record groups in National Archives and Federal records centers, Feb. 1969. [1969.] cover title, iii+39 p. 4" (National Archives.) [Replaces list of Aug. 1967.] †  
GS 4.19: 969
- National Archives microfilm publications: Pamphlet accompanying microcopy. (National Archives.) ‡ GS 4.20: (nos.)
- 7315 289. Despatches from United States consuls in Chihuahua, 1830-1906; [prepared by Ralph E. Huss]. 1969. cover title, 3 p.
- 7316 306. Despatches from United States consuls in Tuxpan, Veracruz, Mexico, 1879-1906; [prepared by Ralph E. Huss]. 1969. cover title, 3 p.
- 7317 525,526. Records of Department of State relating to political relations between United States and Brazil, 1910-1929, and between Brazil and other states, 1910-1929; [prepared by Ernestine Cognasao]. 1969. iii+11 p.
- 7318 659,660. Records of Department of State relating to political relation between United States and El Salvador, 1910-1929, and between El Salvador and other states, 1910-1929; [prepared by Ralph E. Huss]. 1969. iii+11 p.

## NATIONAL BUREAU OF STANDARDS, Commerce Dept. Gaithersburg, MD 20760

### Building science series.

- 7319 15. Interrelations between cement and concrete properties: pt. 4, Shrinkage of neat portland cement pastes and concretes [with lists of references; by] R. L. Blaine, H. T. Arni, and D. N. Evans, Mar. 1969. ii+77 p. il. 4" (Building Research Division, Institute for Applied Technology.) \* Paper, 75c. • Item 241-A  
L.C. card 64-60095 C 13.29/2: 15

Federal information processing standards publication FIPS pub. \* Paper, \$12.00 (including all new FIPS publications and supplements for an indefinite period), \$3.00 additional for foreign mailing; single copies vary in price.

- 7320 7. Implementation of code for information interchange and related media standards. Mar. 7, 1969. cover title, 14+[1] p. 4" (Hardware standards interchange codes and media.) \* Paper, 25c. • Item 248-D C 13.52: 7

### Special publications. • Item 247 C 13.10: (nos.)

- 7321 305. Publications of National Bureau of Standards, published by NBS, July 1966-Dec. 1967; published by others, 1966-67 (with key-word and author indexes); [by] Betty L. Oberholtzer. Apr. 1969. viii+213 p. 4" [To accompany NBS circular 460, its supplement, miscellaneous publication 240, and its supplement.] \* Paper, \$2.00.
- 7322 310. Nuclear standards for chemistry and technology, nuclear standards for industry, science, government and consumer, proceedings of symposium on Standards in Nuclear Chemistry and Technology held at 156th National meeting of American Chemical Society, Atlantic City, N.J., Sept. 8-9, 1968 [with bibliographies]; H. F. Beeghly, J. P. Call, and W. W. Meinke, editors. Dec. 1968 [published 1969]. v+256 p. il. \* Paper, \$1.25.
- 7323 31. Report of 53rd National Conference on Weights and Measures, 1968, sponsored by National Bureau of Standards, attended by officials from various States, counties, and cities, and representatives from U.S. Government, industry, and consumer organizations, Washington, D.C., June 17-21, 1968; report editor R. L. Koeser. Mar. 1969. vii+175 p. il. \* Paper, \$1.25. L.C. card 26-27766

### Technical notes. • Item 249-A C 13.46: (nos.)

- 7324 458. Activation Analysis Section, summary of activities July 1967 to June 1968 [with list of references]; edited by Philip D. LaFleur. Mar. 1969. xiv+98 p. il. 4" (Activation Analysis Section, Analytical Chemistry Division, Institute for Materials Research.) \* Paper, \$1.00.
- 7325 476. Line emission sources for concentration measurements and photochemistry [with list of references; by] Walter Braun and Tucker Carrington. Mar. 1969. ii+21 p. il. 4" (Physical Chemistry Division, Institute for Basic Standards.) \* Paper, 30c.
- 7326 477. Performance of roofing made with Asplund felts [with list of literature cited; by] Sidney H. Greenfeld. Mar. 1969. [2]+25 p. il. 4" \* Paper, 35c.
- 7327 479. Fortran program for analysis of ellipsometer measurements [with list of references; by] Frank L. McCracken. Apr. 1969. iv+79 p. il. 4" (Polymers Division, Institute for Materials Research.) \* Paper, 75c.

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# MAY 1969

- 7328 480. Misalignment detector for axial loading fatigue machines [with list of references; by] Donald C. Robinson. 11+8+[5] p. 11. 4° [Engineering Mechanics Section, Mechanics Division, Institute for Basic Standards.] \* Paper, 25c.
- 7329 481. Semiautomated single fingerprint identification system [with list of references; by] J. H. Wegstein. Apr. 1969. 11+21 p. 11. 4° (Center for Computer Sciences and Technology, Institute for Applied Technology.) \* Paper, 30c.  
L.C. card 76-601493

## NATIONAL CENTER FOR SOCIAL STATISTICS, Health, Education, and Welfare Dept., Washington, DC 20201

NOTE.—The National Center for Social Statistics was established as part of Social and Rehabilitation Service to provide staff coordination, direction, and advice for all statistical activities and programs for SRS.

- 7330 1967 AFDC [Aid to Families with Dependent Children] study, preliminary report of findings from mail questionnaire. Jan. 1969. 18 p. 4° (NCSS report AFDC-2 (67).) [Issued with perforations.] †  
FS 17.602: A12/967/prelim.
- 7331 Concurrent receipt of public assistance money payments and old-age, survivors, and disability insurance cash benefits by persons aged 65 or over, 1948-68 and May 1968. [1969.] 1 p. 4 tabs., 4° (NCSS report G-2 (5/68).) †  
FS 17.636: 948-68
- 7332 Medicaid, fiscal year 1968; [prepared by Dorothy B. West.] [1968.] [1]+5+[5] p. 11. 4° (NCSS report B-5 (FY 68).) †  
FS 17.620: 968
- 7333 Medical assistance financed under public assistance titles of Social security act, May 1968. [31] p. 4° (Social and Rehabilitation Service. NCSS report B-1 (5/68).) [Issued with perforations.] †  
FS 17.616: 968-2
- 7334 OAA and AFDC, cost standards for basic needs and percent of such standards met for specific types of cases, Apr. 1968 [revised pages]. [Revised Mar. 1, 1969.] [1969.] [2] leaves, 4° (NCSS report D-2, revision.) †  
FS 17.625: 968/rev. pages
- 7335 Public assistance: Costs of State and local administration, services, and training, fiscal year 1968. [1968.] 1 p. 12 p. of tab. 4° (NCSS report F-3 (fy 68).) [Issued with perforations.] †  
FS 17.633: 968

## NATIONAL ENDOWMENT FOR THE ARTS, National Foundation on the Arts and the Humanities, Washington, DC 20506

- 7336 Programs of the National Endowment for the Arts through Mar. 1969. [1969.] [51] p. 4° (National Council on the Arts.) † ● Item 831-B-2  
NF 2.2: P 94/4/969-2

## NATIONAL ENDOWMENT FOR THE HUMANITIES, National Foundation on the Arts and the Humanities, Washington, DC 20506

- 7337 3d annual report [fiscal year 1968]. [1969.] iv+73 p. 11. [Text on p. 2 of cover.] \* Paper, 40c. ● Item 831-B-1  
L.C. card 67-61372  
NF 3.1: 968

## NATIONAL GUARD BUREAU, Defense Dept. Washington, DC 20310

- NGB pamphlets. † ● Item 358 D 12.8: (nos.)
- 7338 51-1. Civilian personnel: Manning criteria. Army National Guard technicians. [Mar. 1, 1969.] cover title, 11+[59] p. 11. 4° (Department of Army and Air Force.) [Issued with perforations. Supersedes NGB pamphlet 51-1, Feb. 28, 1968, including all changes.]
- 7339 75-2-2. Federal property, mechanized supply and accounting procedures for office of USFPO. [Feb. 28, 1969.] cover title, [371] p. 11. 4° [Issued with perforations.]

## NATIONAL HIGHWAY SAFETY BUREAU, Transportation Dept. Washington, DC 20591

- 7340 Highway safety program standards. Feb. 1969. cover title, [1]+32 p. 4° [Issued with perforations.] \* Paper, 45c. ● Item 982-D-3  
TD 2.208: St 2/969

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Commerce, Springfield, Va. 22151

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Page 63

# GOVERNMENT PUBLICATIONS

## NATIONAL INSTITUTES OF HEALTH, Health, Education, and Welfare Dept., Bethesda, MD 20014

- 7341 Cancer chemotherapy reports part 3, Program information; [Bethany V. Rawcliffe, acting managing editor]. ([National Cancer Institute].) [Irregular.] ‡ • Item 507-A-9 FS 2.22/30-4: (v.nos.& nos.)  
v. 1, no. 1—Dec. 1968—
- 7342 Division of Nursing, selected publications [Revised Mar. 1969.] [1969.] cover title, [2]+10 p. 4° † • Item 506-A FS 2.22/13: N 93
- 7343 Environmental health sciences; [prepared by Information Office, National Institute of Environmental Health Sciences, Research Triangle Park, N.C.]. [1969.] 29+[3] p. il. 12° [Text and other illustrations on p. 2-4 of cover.] \* Paper, 40c. • Item 507 FS 2.22: En 8
- 7344 National halothane study, study of possible association between halothane anesthesia and postoperative hepatic necrosis, report of Subcommittee on National Halothane Study, of Committee on Anesthesia, Division of Medical Sciences, National Academy of Sciences, National Research Council, Washington, D.C. [with list of references; edited by John P. Bunker and others]. 1969. ix+[1]+418 p. 4° (National Institute of General Medical Sciences; contract PH 43-63-65.) \* Paper, \$3.75.  
• Item 507  
L.C. card 71-601351 FS 2.22: H 16
- 7345 National Institute of Arthritis and Metabolic Diseases. [1969.] cover title, [24] p. il. 4° \* Paper, 50c. • Item 507 FS 2.22: N 21/11
- 7346 Research grants index, fiscal year 1968. [1968 edition.] [1969.] ([Publication 925]; Division of Research Grants.) \* Paper, \$13.75 per set of 2 volumes. • Item 507-D FS 2.22/7-2: 968/v.1,2  
v. 1. Index section. xi+1-1104 p. 4°  
v. 2. Grant number and bibliography list, research contracts, alphabetical list of investigators. [2]+xiii-xvii+1105-1848 p. 4°
- Resources for medical research report. (Office of Resources Analysis, Office of Associate Director for Program Planning and Evaluation.)
- 7347 16. Resources for biomedical research and education, full-time medical school faculty, fiscal year 1967; [prepared by William L. Copeland assisted by Jean Anne M. Taylor and Benjamin K. Schwartz.] Mar. 1969. cover title. vi+22 p. il. 4° † • Item 507-U FS 2.22/33: 16

## NATIONAL LABOR RELATIONS BOARD Washington, DC 20570

- 7348 National Labor Relations Board, field manual, revision 3; Feb. 4, 1969. [1969.] [3] p. [Issued in looseleaf form.] \* Paper, \$2.00 (including basic manual and supplementary material for an indefinite period); 50c. additional for foreign mailing. • Item 827-A LR 1.6/3: 967/rev.3

## NATIONAL LIBRARY OF MEDICINE, Health, Education, and Welfare Dept., Bethesda, MD 20014

- 7349 Cumulated index medicus, v. 9, Jan.-Dec. 1968. [1969.] \* Fabrikoid, \$72.25 per set of 5 volumes. • Item 508-E  
Introduction, Medical subject headings, List of journals indexed, Bibliography of medical reviews, Subject index A-B. [2]+lv+1-1643 p. 4°  
Subject index C-G. [2]+1643-3134 p. 4°  
Subject index H-O. [1]+3134-4828 p. 4°  
Subject index P-Z. [1]+4828-6689 p. 4°  
Author index. [2]+6691-8925 p. 4°  
L.C. card 61-60387 FS 2.208/4: 9
- 7350 Grants for regional medical libraries, information and policy statement. Revised Jan. 1969. [1969.] iv+9 p. 4° † • Item 508-D FS 2.202: G 76
- 7351 Medical research institutions named after medical men; compiled by Genevieve Schiffman and Jaroslav Nemec [1969.] [3]+79 p. 4° (Reference Services Division.) † • Item 508-D FS 2.202: In 7  
L.C. card 75-601344

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NATIONAL MUSEUM, Smithsonian Institution  
Washington, DC 20560

Bulletins. • Item 919

SI 3.3:(nos.)

- 7352 229. History of national numismatic collections; by Vladimir Chlajn-Stefanelli. [1968.] [2]+108 p. il. 4° (Contributions from Museum of History and Technology, paper 31.) \* Paper, \$1.50.
- 7353 285. Two FORTRAN II programs for univariate and bivariate analysis of morphometric data [with list of literature cited; by] Thomas R. Waller. 1968 [published 1969]. v+55 p. 4° \* Paper, \$1.50.  
L.C. card 74-601376

Contributions from National Herbarium.

- 7354 v. 37. Systematic plant studies; [by] Albert C. Smith [and others, title page and table of contents]. 1969. iii p. † • Item 920  
SI 3.8: 37/t.p.& cont.

NATIONAL PARK SERVICE, Interior Dept.  
Washington, DC 20242

- 7355 1969 activities in National Capital parks. [1969.] cover title, 68+[1] p. il. oblong 8° \* Paper, 35c. • Item 646-D  
I 29.65: 969
- 7356 Bighorn Canyon National Recreation Area. [1969.] [10] p. il. narrow 8° \* Paper, 10c. • Item 654  
I 29.39: B 48/969
- 7357 Master plan for Guilford Courthouse National Military Park, Greensboro, N.C. [1969.] [2]+10+[4] p. il. 4° \* Paper, 25c. • Item 648-A  
I 29.9/2: G 94
- 7358 Wupatki and Sunset Crater [National Monuments, Ariz]. [Revised 1969.] [1969.] [2] p. il. narrow f° folded into oblong 48° size. \* Paper, 10c. • Item 650  
I 29.21: W 96/3/969

NATIONAL RAILROAD ADJUSTMENT BOARD  
Washington, DC 20572

- 7359 Awards 14921-15060, 3d division, v. 163. Keenan Printing Company, Chicago, Ill. [1969.] [997] p. † Third Division, National Railroad Adjustment Board, 220 South State Street, Chicago, IL 60604. (Price upon application.)  
L.C. card 36-26212  
RA 1.9: 163
- 7360 Awards 15016-330, 3d division, v. 164, Keenan Printing Company, Chicago, Ill. [1969.] [945] p. † Third Division, National Railroad Adjustment Board, 220 South State Street, Chicago, IL 60604. (Price upon application.)  
L.C. card 36-26212  
RA 1.9: 164
- 7361 Awards 15331-15460, 3d division, v. 165, Keenan Printing Company, Chicago, Ill. [1969.] [816] p. † Third Division, National Railroad Adjustment Board, 220 South State Street, Chicago, IL 60604. (Price upon application.)  
L.C. card 36-26212  
RA 1.9: 165

NATIONAL SCIENCE FOUNDATION  
Washington, DC 20550

- 7362 Federal support to universities and colleges, fiscal year 1967; prepared by National Science Foundation for Office of Science and Technology. [1969.] viii+86 p. il. 4° (NSF 69-7.) \* Paper, \$1.00. • Item 834-C  
NS 1.2: Un 89/967

NATIONAL TRANSPORTATION SAFETY BOARD, Transportation  
Dept., Washington, DC 20590

- 7363 Analysis of aircraft accident data, U.S. air carrier operations, 1967. Dec. 31, 1968. 23 p. 4° †  
L.C. card 77-601374  
TD 1.113/5: 967

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Page 65

# GOVERNMENT PUBLICATIONS

- 7364 List of publications. Jan. 1969. 10 p. † TD 1.115: 969
- 7365 Remarks by John H. Reed, Member, National Transportation Safety Board, prepared for delivery before Eastern Region meeting of American Short Line Railroad Association, Mar. 20, 1969, Pittsburgh, Pa. [1969.] [8] p. 4° † TD 1.110: R 25/3

## NAVAL ACADEMY, Annapolis, Defense Dept. Annapolis, MD 21402

- 7366 United States Naval Academy, catalogue, 1969-70. [1969.] [8]+246+[6] p. il. † ● Item 390-A D 208.109: 969-70

## NAVAL FACILITIES ENGINEERING COMMAND, Defense Dept. Washington, DC 20360

Design manual DM (series). [Issued in looseleaf form.]

- 7367 22. Liquid fueling and dispensing facilities [with bibliography]. 3d edition, Dec. 1968. [1969.] [69] p. il. 1 pl. 4° [Includes publications transmittal dated Jan. 1968. Replaces NAVPAC DM-22, July 1967, and Change 1, Oct. 1967.] \* Paper, 75c. ● Item 418-A D 209.14/2: 22/3

## NAVAL OBSERVATORY, Defense Dept. Washington, DC 20350

- 7368 Nautical almanac for [calendar] year 1970; issued by Nautical Almanac Office. 1968 [published 1969]. A2-A4+276+xxxv p. il. [Page A2 and xxxv are printed on inside of front and back covers. Altitude correction tables 10°-90°, sun, stars, planets and Index to selected stars also issued. Produced jointly by H.M. Nautical Almanac Office, Royal Greenwich Observatory and by Nautical Almanac Office, U.S. Naval Observatory. Printed separately in England and United States.] \* Stiffboard, \$4.00. ● Item 395 L.C. card 7-35404 D 213.11: 970

## NAVAL OCEANOGRAPHIC OFFICE, Defense Dept. Washington, DC 20390

Publications. ● Item 378 (Rev. 1957) D 203.22:(nos.)

- 7369 20. Change 11, Mar. 8, 1969, loose leaf change pages for correcting Sailing directions for east coasts of Central America and Mexico, 5th edition, 1952. [1969.] [235] p. il. 4° [Formerly 130. Includes list of effective pages and Notice to mariners 10, Mar. 8, 1969.] † Paper, 35c.
- 7370 22. Change 4, Mar. 8, 1969, loose leaf change pages for correcting Sailing directions for West Indies, v. 2, 7th edition, 1963. [1969.] [127] p. il. 4° [Formerly 129. Includes list of effective pages and Notice to mariners 10, Mar. 8, 1969.] † Paper, 35c.
- 7371 33. Change 12, Mar. 1969, loose leaf change pages for correcting Sailing directions for west coast of Scotland, 4th edition, 1951. [1969.] [175] p. 4° [Formerly 147. Includes list of effective pages.] † Paper, 35c.
- 7372 56. Change 12, Mar. 22, 1969, loose leaf change pages for correcting Sailing directions for the Mediterranean, v. 5, 2d edition, 1952. [1959.] [244] p. il. 4° [Includes list of effective pages. Issued in looseleaf form.] † Paper, 35c.
- 7373 112. Change 20, Feb. 1, 1969, List of lights and fog signals, western Pacific and Indian Oceans including Persian Gulf and Red Sea. 1969. [143] p. il. 4° [Includes list of effective pages and Notice to mariners 5, 1969. Issued in looseleaf form.] † Paper, 50c.

## NAVAL PERSONNEL BUREAU, Defense Dept. Washington, DC 20390

- 7374 Aviation maintenance administrationman, 1 & C [with reading list; prepared by Navy Training Publications Center, Memphis, Tenn.]. [1969 edition.] [1969.] iv+173 p. il. 4° (Naval training course; NAVPERS 10392-A.) ● Item 404 L.C. card 70-601332 D 208.11: Av 5/41/969

\*For Sale by Superintendent of Documents

†Distribution Made by Issuing Office

‡Official Use. Not Available

# MAY 1969

- 7375 Glue-sniffing, big trouble in a tube; by Lindsay R. Curtis, illustrations by Paul Farber. 1st edition, 1967, 2d printing 1968. [1969.] 31 p. il. ([NAVPERS 15236.]) [Copyright 1967, produced for government use under copyright license contract Nod-9965. Published by General Military Training and Support Division.] ‡ • Item 403  
L.C. card 67-24297 D 208.2:G 52
- 7376 Journalist 3 & 2 [with reading list and bibliography; prepared by Training Publications Division, Naval Personnel Program Support Activity]. [Original edition 1953, revised 1969.] [1969.] cover title, v+465 p. il. 4° (Navy training course; NAVPERS 10294-B.) ‡ • Item 404  
L.C. card 78-601342 D 208.11: J 82/969
- 7377 Let's talk about goofballs and pep pills, including tranquilizers and LSD; by Lindsay R. Curtis, illustrated by Dean Hurst. [1969.] 42 p. il. ([NAVPERS 15235.]) [Copyright 1967; produced for government use under copyright license contract NOD-9965. Published by General Military Training and Support Division.] ‡ • Item 403  
L.C. card 67-28489 D 208.2: G 64

## NAVAL RESEARCH OFFICE, Defense Dept. Washington, DC 20390

Naval Training Device Center, Orlando, Fla.: Technical report NAV-TRADEVCEEN (series).

- 7378 IH-158. Annotated bibliography of Human Factors Laboratory reports (1945-68); [by] Albert K. Kurts [and] Mary C. Smith. Feb. 1969. vi+369 +2 p. il. 4° [Text on p. 2 of cover. Accompanied by abstract cards] ‡  
D 210.14: IH-158
- NRL reports. (Naval Research Laboratory.) D 210.8: (nos.)
- 7379 6651. Eliminating radar ambiguities by processing staggered pulse trains or spectra; [by] H. H. Woerlein, Feb. 19, 1968, cover title, il+40+ [4] p. il. 4° [NRL problem R02-03, project SF-001-2-05-6067.] • Paper, \$3.00 (AD687455).
- 7380 6740. Correction of two fracture toughness tests for titanium and ferrous alloys [with list of references; by] C. N. Freed and E. J. Goode, Jan. 16, 1969, cover title, il+26 p. il. 4° ([NRL problem F01-17, projects S-4607-11894.]) • Paper, \$3.00 (AD 688659).
- 7381 6749. NRL terrain clutter study, phase II [with list of references]; by John C. Daley [and others]. Oct. 21, 1968, cover title, il+42 p. il. 4° ([NRL problem R07-02; AF MIPR AS-6-157.]) • Paper, \$3.00 (AD 679568).
- 7382 6775. Nondestructive testing for void content in glass-filament-wound composites [with list of references; by] B. E. Walker, Jr., C. T. Ewing, and R. R. Miller. Oct. 4, 1968, cover title, il+16 p. il. 4° ([NRL problem C05-24, project RR 001-01-43.]) • Paper, \$3.00 (AD-679573).
- 7383 6779. Procedures for fracture toughness characterization and interpretations to failure-safe design for structural titanium alloys [with list of references; by] R. J. Goode, R. W. Judy, Jr., and R. W. Huber, Dec. 5, 1968, cover title, il+26 p. il. 4° ([NRL problems M01-05 and F01-17, projects RR 007-01-46-5405, SF 51-541-004-12386, SF 51-541-005-12393, and DSSP S-4607-1189.]) • Paper, \$3.00 (AD 681043).
- 7384 6780. Monomolecular films of polydimethylsiloxanes on organic liquids [with list of references]; by N. L. Jarvis. Nov. 15, 1968, cover title, il+16 p. il. 4° ([NRL problem C0210; project RR 001-01-43-4751.]) • Paper, \$3.00 (AD 680256).
- 7385 6785. Digital computer systems for signal analysis [with list of references]; by G. V. Olds. Jan. 3, 1969, cover title, il+32 p. il. 4° ([NRL problem S01-06, project RF 05-121-401-4054.]) • Paper, \$3.00 (AD 682934).
- 7386 6786. Porosity of protective films on mild steel [with list of references; by] T. A. Harvey. Dec. 26, 1968, cover title, il+22 p. il. 4° ([NRL problem C06-01, project RR 001-05-42-4850.]) • Paper, \$3.00 (AD 682935).
- 7387 6792. Raman spectroscopy of polymeric materials: pt. 1. Selected commercial polymers [with list of references; by] Dorothy S. Cain and Albert B. Harvey. Dec. 26, 1968, cover title, il+22 p. il. 4° ([NRL problem C07-01, project RR 001-05-42-4803.]) • Paper, \$3.00 (AD 681718).
- 7388 6818. Wettability of fluorocarbon and chlorocarbon trialkoxysilane films adsorbed on glass and metal surface [with list of references; by] W. D. Bascom. Dec. 31, 1968, cover title, il+14 p. 4° ([NRL problem C02-21, ONR project order P09-0020, project RR 001-08-01.]) • Paper, \$3.00 (AD 683661).
- 7389 6895. High-pressure piezoelectric ceramic transducer, USRD type F43 [with list of references; by] Ivor D. Groves, Jr. Feb. 6, 1969, cover title, il+14 p. il. 4° (Standards Branch, Underwater Sound Reference Division, Orlando, Fla. [NRL problem S02-31, project RF 05-111-401-4472.]) ‡

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Commerce, Springfield, Va. 22151

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Page 67

# GOVERNMENT PUBLICATIONS

## NAVAL SHIP SYSTEMS COMMAND, Defense Dept. Washington, DC 20350

- 7390 Maintainability design criteria handbook for designers of shipboard electronic equipment, Change 3; prepared by Computer Applications Incorporated, New York City, N.Y. Aug. 1968. [1969.] [242] p. il. 4° (NAVSHIPS 94324; Technical Support Branch, Naval Ship Engineering Center.) [Issued in looseleaf form.] \* Paper, \$2.25. ● Item 412-B D 211.6/2: E 12/6/965/ch.3

## NAVY DEPARTMENT, Defense Dept. Washington, DC 20350

- 7391 United States Navy and Marine Corps awards manual. [Dec. 17, 1968.] cover title, [85] p. 4° (SECNAVINST 1650.ID.) [Issued in looseleaf form. Cancels SECNAVINST P1650.1C, Aug. 16, 1963; SECNAVNOTE 1650, July 17, 1967; SECNAVNOTE 1650, Feb. 6, 1968; SECNAVINST 1650.26, Oct. 26, 1966; SECNAVINST 1650.28, July 17, 1967; SECNAVNOTE 1650, Nov. 22, 1967.] ‡ ● Item 373 D 201.6: Aw1

## OUTDOOR RECREATION BUREAU, Interior Dept. Washington, DC 20240

- 7392 Bureau of Outdoor Recreation [grants-in-aid] manual [amdt. 13]. [Jan. 29, 1969.] [127] p. il. 4° (Release 083). [Issued in looseleaf form.] \* Paper, \$4.00 (including basic manual and supplementary material for an indefinite period); \$1.50 additional for foreign mailing. ● Item 657-B-3 I 66.8/2: 968/rep./amdt.13
- 7393 1969 directory of Federal recreation entrance, admission, and user fee areas. [1969.] 29 p. 4° [Prepared in cooperation with Department of Agriculture, Forest Service; Tennessee Valley Authority; Department of Interior, National Park Service, Bureau of Land Management, Bureau of Sport Fisheries and Wildlife, Bureau of Reclamation.] † Bureau of Outdoor Recreation, P.O. Box 7763, Washington, D.C. 20044. I 66.16: 969

## PATENT OFFICE, Commerce Dept. Washington, DC 20231

Classification definitions. (Office of Examining and documentation Control.) [Issued with perforations.]

- 7394 class 402. Binder device releasably engaging aperture or notch of sheet. Apr. 1969. [3] + 15 p. il. [Original classification by L. T. Carter and others]. † Paper, 25c. ● Item 252 C 21.3/2: 402

## POST OFFICE DEPARTMENT Washington, DC 20260

- 7395 Address by Postmaster General W. Marvin Watson at dedication of 12c. Henry Ford stamp, Dearborn, Mich., July 30, 1968. 1968. 9 leaves, 4° (Information Service, General release 146.) † P 1.27: W 33/23 [Commemorative stamp posters.]

NOTE.—Commemorative stamp posters, which will be issued irregularly, are available on a subscription basis from the Superintendent of Documents, \$1.50 a yr.; 50c. additional for foreign mailing.

- 7396 6-cent Grandma Moses American folklore commemorative postage stamp will be first placed on sale at Washington, D.C. on May 1, 1969. 1969. 10.5 x 8 in. P 1.26/2: M 85
- 7397 6-cent W. C. Handy commemorative postage stamp available at your local post office May 19, 1969. 1969. 10.5 x 8 in. P 1.26/2: H 19/2

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‡Distribution Made by Issuing Office  
‡Official Use. Not Available



## Criteria for use in planning new facilities, CR (series).

- 7398 5. Economic evaluation of Postal Laboratory Mail Preparation Line, [criteria study; prepared by Bureau of Research and Engineering and Bureau of Operations]. July 1967. cover title, [4]+16+[1] p. il. 4° † P 24.6/3:5
- 7399 How to pack and wrap parcels for mailing. Nov. 1968. [1969.] [14] p. il. (POD publication 2.) [Excerpts from Chapter 1, Postal Manual.] † P 1.31/4: P 12  
● Item 837
- 7400 Mr. ZIP, who he is, what he does. [Apr. 1969.] [6] p. il. narrow 8° ([Publication 87.] † ● Item 837 P 1.2: Z 6/2/969
- State postal maps.
- 7401 Arkansas, Dec. 1, 1968. Scale 50 m.=4.3 in. Feb. 1, 1969. 27 x 25 in. \* Paper, P 1.39/2: Ar 4 k/968  
35c.
- 7402 Maryland, Delaware, and District of Columbia, Nov. 1, 1968. Scale 25 m.=3.2 in. Feb. 1969. 21 x 32 in. \* Paper, 35c. P 1.39/2: M 36/968  
Insets:  
Baltimore and vicinity.  
District of Columbia and vicinity.

PRESIDENT OF UNITED STATES  
Washington, DC 20501

- 7403 Developing youth opportunity programs. Jan. 1969. [1]+13 p. 4° (Document YO-69; [President's Council on Youth Opportunity].) † President's Council on Youth Opportunity, 801 19th Street NW., Washington, DC 20006. Pr 36.8: Y 8/P 94
- 7404 Manual for youth coordinators [with lists of reference materials]. [1969 edition.] Mar. 1969. [5]+171 p. 4° (President's Council on Youth Opportunity.) \* Paper, \$1.50 ● Item 851-J Pr 36.8: Y 8/Y 8/969
- National Commission on Urban Problems: Research reports. ● Item 851-J Pr 36.8: Ur 1/2/R 31/(nos.)
- 7405 13. U.S. land prices, directions and dynamics [with bibliographies]; by Grace Milgram, assisted by Michael Bach [and others]. 1968 [published 1969]. v.+77 p. 4° \* Paper, 75c.
- 7406 16. How many costs of housing fit together; by Elsie Eaves. 1969. viii+103 p. 4° \* Paper, \$1.00. L.C. card 76-601434
- 7407 Summer '68, summary report; prepared by President's Council on Youth Opportunity. [1969.] cover title, [1]+9+[8] p. 4° † President's Council on Youth Opportunity, 801-19th Street NW., Washington, DC 20006. Pr 36.8: Y 8/Su 6

PUBLIC DOCUMENTS DIVISION, Government Printing Office  
Washington, DC 20402

- 7408 List of publications on conservation and related Department of Interior subjects available from Superintendent of Documents, Government Printing Office, Washington, D.C. 1969-70 [edition]. [1969.] [2] p. il. narrow f° folded into oblong 48° size. † ● Item 552 GP 3.22: C 76/2/969
- Price list PL (series). † ● Item 554 GP 3.9:(nos.)
- 7409 35. National parks, historic sites, national monuments; Mar. 1969. 46th edition. [1969.] [2]+13 p. L.C. card 26-26625
- 7410 84. Atomic energy and civil defense; Apr. 1969. 10th edition. [1969.] [2]+16 p. L.C. card 55-63297
- 7411 Selected publications relating to narcotics and drugs [announcement and order form for publications] sold by Superintendent of Documents, Government Printing Office, Washington, D.C. [1969.] [2] p. narrow f° folded into oblong 48° size. † ● Item 552 GP 3.22: N 16
- 7412 U.S. Air Force, lithograph series [announcement and order form]. [1969.] [2] p. il. 4° folded into oblong 48° size. † ● Item 552 GP 3.22: Ai 7f

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# GOVERNMENT PUBLICATIONS

## PUBLIC HEALTH SERVICE, Health, Education, and Welfare Dept. Washington, DC 20201

- 7413 Answers to questions that are often asked about diabetic diets. [Feb. 1969.] [10] p. il. narrow 8° ([Publication 1847; Health Services and Mental Health Administration, Regional Medical Programs Service, Division of Chronic Disease Programs, Diabetes and Arthritis Control Program.]) \* Paper, \$6.75 per 100 copies; single copy 10c. • Item 485  
FS 2.2: D 54/17
- 7414 Better care for mental patients, progress report, 1st 5 years of hospital improvement program, 1963-68. [Feb. 1969.] [2]+20 p. ([Publication 1896; National Clearinghouse for Mental Health Information], National Institute of Mental Health, Health Services and Mental Health Administration [PIB OC20M-01.]) \* Paper, 20c. • Item 507  
L.C. card 78-601421 FS 2.22: M 52/75/963-68
- 7415 Dialysis symposium for nurses, sponsored by Kidney Disease Control Program of Regional Medical Programs Service [Atlantic City, N.J., Apr. 20, 1969, with bibliographies]. [1969.] iii+63 p. 4° (Health Services and Mental Health Administration.) † • Item 485  
FS 2.2: D 54/16/969
- 7416 Directory of personnel responsible for radiological health programs. Jan. 1969. v+39 p. 4° ([Consumer Protection and Environmental Health Service]. Environmental Control Administration, Bureau of Radiological Health, Rockville Md.) † • Item 485  
FS 2.2: R 11/25
- 7417 Environmental health planning guide. [1968 revision.] [1969.] 100 p. il. 4° ([Publication 823.]; Consumer Protection and Environmental Health Service, Environmental Control Administration.) \* Paper, \$1.00. • Item 496-A  
L.C. card 79-601337 FS 2.6/2: En 8/968
- Hospital and medical facilities series (Hill-Burton program); [Category A], Regulations. (Division of Hospital and Medical Facilities.)
- 7518 A-7. General standards of construction and equipment for hospital and medical facilities. [Revised Feb. 1969.] [1969.] vi+50 p. 4° ([Publication 930-A-7]; [Health Facilities Planning and Construction Service.]) [Supersedes subpart N of Public health service regulations, pt. 53, pertaining to construction and modernization of hospital and medical facilities reprinted from Federal register, Dec. 29, 1964.] \* Paper, 35c. • Item 486-D  
L.C. card 68-60375 FS 2.74/3: A-7/2
- [Category D], Design-equipment. (Division of Hospital and Medical Facilities, Architectural, Engineering, and Equipment Branch.)
- 7419 D-23. Fallout protection for hospitals. [Mar. 1968.] iv+27 p. il. 4° ([Publication 930-D-23.]) [Supersedes Public Health Service publication 791 (revised), Feb. 1962.] \* Paper, 30c. • Item 486-D  
L.C. card 72-601388 FS 2.74/3: D-23
- 7420 IHS [Indian Health Service] annual statistical review, hospital and medical services, fiscal year 1968, illness among Indians and Alaska natives, calendar year 1967. Mar. 1969. iv+55 p. il. 4° (Health Services and Mental Health Administration, Indian Health Service, Office of Program Planning and Evaluation, Program Analysis and Statistical Branch.) † • Item 485  
L.C. card 79-601424 FS 2.2: In 25/17
- 7421 LSD, some questions and answers. [Revised Mar. 1969.] [1969.] [8] p. il. narrow 8° ([Publication 1828; Public Information Branch, National Institute of Mental Health, Health Services and Mental Health Administration.]) \* Paper, \$3.25 per 100; single copy 5c. • Item 507  
FS 2.22: L 99/969
- 7422 Medical residencies and internships in hospitals of Public Health Service. [1968.] [4]+52 p. il. 4° ([Publication 1869; Health Services and Mental Health Administration.]) [Supersedes PHS publications 1376, 1408, 1408A.] † • Item 496-B  
L.C. card 72-601425 FS 2.89: 968

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- 7423 Mental health program reports, 3 [articles, with lists of references]; prepared by Program Analysis and Evaluation Branch, Office of Program Planning and Evaluation. Jan. 1969. vi+462 p. ([Publication 1876]; Health Services and Mental Health Administration, National Institute of Mental Health.) \* Paper, \$2.00. ● Item 507-B-2 FS 2.22/50-4:3
- Mental health statistics, current facility reports. (National Institute of Mental Health, Health Services and Mental Health Administration.)
- 7424 Provisional patient movement data, out-patient psychiatric clinics, United States, July 1, 1967-June 30, 1968. [1969.] 8 p. 4° † ● Item 491-A  
FS 2.53/2: P 95/967-68
- National Air Pollution Control Administration publication AP (series). (Consumer Protection and Environmental Health Service.)
- 7425 53. St. Louis dispersion study: v. 2, Analysis [with list of references; by] James L. McElroy and Francis Pooler, jr. Dec. 1968 [published 1969]. iv+51 p. il. † ● Item 483-E  
FS 2.93/3: 53/v.2
- 7426 Report for consultation on Metropolitan Kansas City Interstate Air Quality Control Region [with list of references]. Mar. 1969. [1]+50 p. il. 4° (Consumer Protection and Environmental Health Service, National Air Pollution Control Administration.) † ● Item 483-E  
FS 2.93/5: K 13
- 7427 Special report, 1st U.S. mission on mental health to U.S.S.R. Feb. 1969. viii+181 p. il. large 8° ([Publication 1893 (MH-5M-01)]; National Institute of Mental Health.) \* Cloth, \$3.50. ● Item 507  
FS 2.22: Un 3/3
- 7428 State/Interstate solid waste planning grants and agencies, Jan. 1969. 1969. [3]+17 p. oblong 8° ([Publication 1912]; Consumer Protection and Environmental Health Service, Environmental Control Administration, Bureau of Solid Waste Management.) † ● Item 485  
FS 2.2: So 4/12/1969
- 7429 State/Interstate solid waste planning grants, progress abstracts, Jan. 1969; compiled by Daniel D. Swavely and Lee F. Hultgren. 1969. iii+94 p. 4° ([Publication 1913]; Consumer Protection and Environmental Health Service, Environmental Control Administration, Bureau of Solid Waste Management.) † ● Item 485  
FS 2.2: So 4/13/1969
- 7430 Up and down drugs, amphetamines and barbiturates. [Revised Mar. 1969.] [1969.] [8] p. il. narrow 8° ([Publication 1830; Public Information Branch, National Institute of Mental Health, Health Services and Mental Health Administration.]) \* Paper, \$3.25 per 100; single copy. 5c. ● Item 507  
FS 2.22: Am 7/969
- Vital and health statistics: Series 2, Data evaluation and methods research. (National Center for Health Statistics, Health Services and Mental Health Administration.)
- 7431 32. Methods for measuring population change, systems analysis summary, [with list of references; by Forrest L. Linder]. Mar. 1969. iv+18 p. ([Publication 1000, series 2, no. 32.]) \* Paper, 30c. ● Item 500-E  
FS 2.85/2: 2/no. 32
- Series 4, Documents and committee reports. (National Center for Health Statistics, Health Services and Mental Health Administration.)
- 7432 10. 1970 census and vital and health statistics, study group report of Public Health Conference on Records and Statistics [with list of references]. Apr. 1969. viii+14 p. 4° ([Publication 1000, series 4, no. 10]; [Office of State Services.]) \* Paper, 30c. ● Item 500-E  
FS 2.85/2: 4/no.10
- Series 10, Data from National Health Survey. (National Center for Health Statistics, Health Services and Mental Health Administration.)
- 7433 51. Chronic conditions causing activity limitation, United States, July 1963-June 1965; [by Adele G. Dingfelder]. Feb. 1969. iv+48 p. 4° ([Publication 1000, series 10, no. 51; Division of Health Interview Statistics.]) [Prepared in cooperation with Census Bureau.] \* Paper, 50c. ● Item 500-E  
FS 2.85/2: 10/no.51

# GOVERNMENT PUBLICATIONS

- Vital statistics of United States, 1965. ([National Center for Health Statistics, Division of Vital Statistics.])  
 7434 v. 3. Marriage and divorce. 1968 [published 1969]. [152] p. 4° \* Cloth \$3.25.  
 • Item 510  
 L.C. card 40-26272 FS 2.112: 965/v.3

## PUBLIC ROADS BUREAU, Transportation Dept. Washington, DC 20591

- Highway planning technical reports. ‡ TD 2.120:(nos.)  
 7435 6. Test comparison between functional and volume concepts of delineating traffic corridors [with selected bibliography; by James E. Gruver]. Aug. 1967. cover title, 18+ [3] p. il. 4°  
 7436 7. Coordinated data system for highway planning; [by William E. Blessing]. May 1968, cover title, [1]+21 p. il. 4°  
 7437 Highway transportation needs after the interstate, remarks by F. C. Turner, Director of Public Roads, Federal Highway Administration, Department of Transportation, prepared for delivery at National Transportation Engineering Conference sponsored by American Society of Civil Engineers, San Diego, Calif., Feb. 19, 1968. 1968. 12 p. 4° †  
 TD 2.119: T 85  
 7438 Standard plans for highway bridges: v. 4, Typical continuous bridges. Revision to 1962 edition. Feb. 1969. cover title, [23] leaves, il. oblong large 8° \* Paper, \$1.50. • Item 265-A  
 L.C. card 76-600130 TD 2.108: B 76/v.4

## RECLAMATION BUREAU, Interior Dept. Washington, DC 20240

- 7439 Project Skywater, atmospheric water resources program, 1968 annual report: v. 1, Summary. Jan. 1969. [1]+iii+107 p. il. map 4° ([Office of Atmospheric Water Resources.]) †  
 L.C. card 68-61779 I 27.57: 968/v.1  
 7440 — v. 2, Contractor reports [with lists of references]. Jan. 1969. [1]+v+405 p. il. 4° ([Office of Atmospheric Water Resources.]) †  
 L.C. card 68-61779 I 27.57: 968/v.2

## REHABILITATION SERVICES ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201

- 7440A Standards for rehabilitation facilities and sheltered workshops [with bibliography]. Revised 1969. [1969.] vii+19 p. 4° † • Item 529-B  
 FS 17.108: F 11  
 7441 Vocational rehabilitation problems of patient with aphasia, workshop sponsored by Western Michigan University, Department of Speech Pathology and Audiology, Kalamazoo, Mich., May 15-16, 1967 [with bibliographies]. [1969.] v+76 p. † • Item 529  
 L.C. card 73-601428 FS 17.102: Ap 3

## RENEGOTIATION BOARD Washington, DC 20446

- 7442 [Conversion table, renegotiation rulings, renegotiation bulletins], notice. [1969.] [3] p. 4° \* Paper, 10c. • Item 308 RnB 1.6/5: notice

## RURAL ELECTRIFICATION ADMINISTRATION, Agriculture Dept. Washington, DC 20250

- 7443 Careers, electric engineering, telephone engineering. [Revised Jan. 1969.] [Jan. 1969.] [2]+8 p. il. oblong 8° † A 68.2: C 18/2  
 7444 Current REA publications [in Rural Electrification Program, additions, index, numerical list, etc., as of Dec. 31, 1968]. Mar. 12, 1969. 39 p. 4° [Issued with perforations.] † • Item 116 A 68.3: ind./969-2

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**ST. LAWRENCE SEAWAY DEVELOPMENT CORPORATION, Transportation Dept., Massena, NY 13662**

- 7445 Traffic report of St. Lawrence Seaway, 1968; prepared by St. Lawrence Seaway Authority and Saint Lawrence Seaway Development Corporation. [1969.] cover title, ix+71 p. il. 4° [Crown copyright reserved.]  
 † Paper, 75c. (TS2-2/1968), Queen's Printer, Ottawa, Canada.  
 L.C. card 62-61422 TD 6.9: 968

**SCIENCE INFORMATION SERVICE OFFICE, National Science Foundation, Washington, DC 20550**

- 7446 Technical information activities in foreign countries [with list of references]; by Burton W. Adkinson. [1967.] 14 leaves, 4° [Talk delivered to Institute on Transfer of Scientific Information, sponsored by American University, Center for Technology and Administration, Washington, D.C., Oct. 23-25, 1967.] † NS 2.11: Ad 5

**SMALL BUSINESS ADMINISTRATION  
Washington, DC 20416**

- 7447 Economic opportunity loan program. [Mar. 1969.] [2] p. large 8°, folded into oblong 48° size. ([Office of Public Information; OPI-22.]) †  
 ● Item 901-B SBA 1.2: Ec 7/6/969
- 7448 SBA services for concessioners on Federal lands. [Sept. 1968.] [2] p. il. 4°, folded into oblong 48° size. ([OPI-46; Office of Public Information.]) †  
 ● Item 901-B SBA 1.2: C 74/968-2
- 7449 SBA services to forest product industries. [Feb. 1969.] [2]+26 p. il. narrow 8° ([OPI-49; Office of Public Information.]) [Page 25 printed on inside of back cover.] † ● Item 901-B SBA 1.2: F 76/969
- 7450 SBIC industry review, as of Mar. 3, 1968; issued by Investment Division. Nov. 1, 1968. [1]+11 leaves+7 p. il. 4° † SBA 1.2: In 8/4/968
- 7451 Small Business Administration publications, for sale booklets. Feb. 1969. 6+[1] p. 4° (SBA 115B.) † ● Item 901-N SBA 1.18: 969-2
- Small business management series.
- 7452 4. Improving material handling in small business; by Educational Committee of Material Handling Institute, Inc. [3d edition.] 1969. v+38 p. il. [includes lists of publications for further information.] \* Paper, 30c. ● Item 901-C  
 L.C. card 70-60141 SBA 1.12: 4/2

**Technical aids for small manufacturers.**

- 7453 90. Welding and flame-cutting processes and practices [with list of publications for further information]; by Ted B. Jefferson. June 1968, 8 p. il. 4° †  
 SBA 1.11: 90

**SMITHSONIAN INSTITUTION  
Washington, DC 20560**

**Smithsonian contributions to earth sciences.**

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**Smithsonian information leaflet [SIL] (series).**

- 7455 482. Honey bee [with bibliography; by Thomas R. Wessel]. [1967, revised 1968.] [1968.] 14+[1] p. il. 4° ([Museum of History and Technology, Division of Agriculture and Forest Products.]) † ● Item 910 SI 1.19: 482/2
- 7456 [This entry number not used.]

**SOCIAL SECURITY ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201**

**Actuarial study.**

- 7457 65. Termination experience of disabled-worker benefits under OASDI, 1957-63; by Francisco Bayo. Mar. 1969. [2]+iii+26 p. 4° (Office of Actuary.) †  
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## Research report.

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## SOIL CONSERVATION SERVICE, Agriculture Dept. Washington, DC 20250

- 7465 Soil survey: Ben Hill and Irwin Counties, Ga. [with list of literature cited; by John W. Calhoun and Garnet J. Wood]. Apr. 1969. cover title, i+64 p. il. 55 p. of pl. and maps, 4° [Prepared in cooperation with University of Georgia, College of Agriculture, Agricultural Experiment Stations. Text on p. 2 of cover.] \* Paper, \$3.25. ● Item 102 (Rev. 1957)  
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- 7471 63. National survey of need for hatchery fish, cooperative project of 50 States and Bureau of Sport Fisheries and Wildlife [with list of literature cited]; prepared by Division of Fishery Services with assistance of Division of Fish Hatcheries and Division of Fishery Research. Oct. 1968. iv+71 p. il. 4° \* Paper, 70c.
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1304 p. (Foreign Service Institute.) [Compiled and published with sup-  
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- 7536 Turkeys, number raised, 1969 intentions, growers intend to raise more turkeys in 1969. Jan. 27, 1969. 2 p. 4° (Pou 3-2 (1-69); Crop Reporting Board.) † A 92.9/8: 969
- 7537 1969 wheat objective yield survey, interviewers manual. [1969.] cover title, [1]+102 p. il. 4° [Text on p. 2-4 of cover. Page 102 left blank for notes.] \* Paper, \$1.00. A 92.8: W 56

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- 7541 — Schedule 6, Metals and metal products; v. 10, Certain electrical appliances, special-industry machinery, machine parts, and electrical apparatus. 1969. [300] p. 4° (TC publication 280.) †  
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- 7546 Hardwood veneer, production opportunities in Tennessee Valley. [1969.] cover title, 20 p. il. 4° (Division of Forestry Development.) †  
Y.3.T 25: 27 H 22/3
- 7547 Industrial development in TVA area during 1968. [Feb. 1969.] cover title, 35 p. il. 4° ([Division of Power Marketing.]) †  
L.C. card 58-61278 Y.3.T 25: 30 In 27/968
- 7548 National Fertilizer Development Center, annual report 1968. [1969.] cover title, 24 p. il. 4° [Text on p. 2 of cover. Some illustrations are colored.] †  
L.C. card 68-61654 Y.3.T 25: 1-8/968

### TREASURY DEPARTMENT Washington, DC 20220

- Department circulars, public debt series.† ● Item 924 T 1.4/3: (nos.)
- 7549 1-69. 6% percent treasury notes of series C-1970, dated and bearing interest from Feb. 15, 1969, due May 15, 1970. Jan. 30, 1969. 2 p. 4°
- 7550 2-69. 6% percent treasury notes of series A-1976, dated and bearing interest from Feb. 15, 1969, due Feb. 15, 1976. Jan. 30, 1969. 2 p. 4°
- 7551 Foreign credits by United States Government, status of active foreign credits of United States Government and of international organizations, as of Dec. 31, 1967. [1969.] cover title, v+170 p. oblong 12° \* Paper, \$1.50. ● Item 925-C T 1.45: 967-2
- 7552 Remarks by Frederick L. Deming, Under Secretary of Treasury for Monetary Affairs at 50th anniversary convention of American Gas Association, Philadelphia, Pa., Oct. 7, 1968. 1968. 12 p. 4° (F-1370.) †  
T 1.31: D 39/25

### UNITED STATES TRAVEL SERVICE, Commerce Dept. Washington, DC 20230

- 7553 U.S.A. travel bargains. [1969.] [8] p. narrow 8° (USTS 408-E.) †  
● Item 271-A-1 C 47.2: T 69/2

### VETERANS ADMINISTRATION Washington, DC 20420

- Bibliography (series).
- 7554 10-3. Selected readings in techniques of stereotaxic neurosurgery, bibliography through 1968; compiled by John L. Fox. [Revised Jan. 1969.] [1969.] ii+37 p. il. 4° \* Paper, 45c. ● Item 983-A  
L.C. card 77-601114 VA 1.20/3: 10-3/2
- 7555 Medical research in Veterans Administration, annual report July 1967-June 1968. [1969.] vii+134 p. † ● Item 987-B  
L.C. card 57-60875 VA 1.43: 968
- VA pamphlets. † ● Item 988 VA 1.19: (nos.)
- 7556 10-103. Career development program, research and education in medicine. Mar. 1969. [2]+9 p. il. (Department of Medicine and Surgery.) [Supercedes VA pamphlets 10-88, 10-92, and 10-94.]
- 7557 20-69-3. Summary of educational assistance benefits for veterans with service since Jan. 31, 1955. Jan. 1969. 4 p. il. 4°
- 7558 20-69-6. Summary of employment benefits and opportunities for Vietnam era veterans. Feb. 1969. 4 p. il. 4°
- 7559 20-69-7. Summary of loan guaranty benefits for veterans with service since Jan. 31, 1955. Feb. 1969. 4 p. il. 4°

### WAGE AND HOUR AND PUBLIC CONTRACTS DIVISIONS, Labor Dept. Washington, DC 20210

- Interpretative bulletin, title 29, Code of Federal regulations.
- 7560 pt. 778. Overtime compensation under Fair labor standards act of 1938, as amended. [1969.] iv+52 p. 4° (WHPC publication 1262.) [Conforms to Code of Federal regulations as of Jan. 31, 1969.] \* Paper, 45c. ● Item 778 L 22.10: 778/12

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## Regulations, title 29, of Code of Federal regulations.

- 7561 pt. 516, subpt. A, B. Records to be kept by employers under Fair labor standards act of 1938, as amended. [1969.] 11+13 p. 4° (WHPC publication 1261.) [Conforms to Code as of Jan. 27, 1969.] \* Paper, 15c.  
 ● Item 780 L 22.9: 516/13/subpt.A,B

## WOMEN'S BUREAU, Labor Dept. Washington, DC 20210

- 7562 Federal funds for day care projects. Feb. 1969. vii+73 p. 4° † ● Item 782  
 L.C. card 76-601339 L 13.2: D 33/2/969
- 7563 How you can help reduce barriers to employment of mature women. Feb. 1969. [1]+7 p. 4° † ● Item 782 L 13.2: Em 7/15
- 7564 Labor laws affecting private household workers. [Mar. 1969.] 6 p. 4°  
 ([WB 69-96.]) † ● Item 782 L 13.2: H 81/14/969

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 Commerce, Springfield, Va. 22151

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Page 81

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# Index

MONTHLY CATALOG, MAY 1969

**NOTE.**—Entries appear in this Index under subjects or titles. Bulletins, circulars, etc., having no specific subjects are entries under the issuing office only. Index citations are to entry numbers in the catalog.

## A

AB, *see* Public assistance.  
 AB & APTD, aid to blind or disabled people, 6465  
 Abadi, Victor, relief, 6741  
 Abbreviations, contractions used by FAA air traffic control, etc., handbook, change, 6423  
 Abernethy, R. F., major ash constituents in U.S. coals, 7213  
 Absorption spectrometry, *see* Spectrometry.  
 Abstracts, *see* subjects.  
 Abutan, Josefina P., *see* Fuller, Josefina P.A.  
 Academic preschool, Champaign, Ill., 6889  
 Academy of Sciences, USSR, history and work, brief account, 7156  
 Accelerators, plasma, with magnetic field arranged to produce divergent-nozzle effect, 7289  
 Accidents:  
   handle yourself with care, accident prevention for older Americans, 6353  
   longshoring, 1966-67, analysis of injuries, 7188  
   *see also* Safety of life.  
 Accounts and accounting:  
   accounting, financial management systems series, 6503  
   Army, comptroller, role, in programing, budgeting, and accounting and reporting (FBAIR) system, 6433  
   configuration status accounting data elements and related features, military standard, 6841  
   Federal property, mechanized supply and accounting procedures for office of United States property and fiscal officers (USPFO), 7339  
   uniform system of accounts and reports for certificated air carriers, 6513  
 Achievements and problems of Central American Common Market, 7487  
 Acid mine drainage, *see* Mine drainage.  
 Acoustics, *see* Sound.  
 ACP, *see* Agricultural conservation program.  
 Acreage marketing guides, 6804-5  
 Activation Analysis Section, summary of activities, 7324  
 Acts of Congress, *see* Law.  
 Actuarial study series, 7457  
 Actuators, fluidic-controlled pneumatic stepping-motor system, 2 integrated circuits, design and performance, 7301  
 Acuity, stereoscopic and resolution, with varying field of view, 7201  
 Addresses, lectures, etc.:  
   by—  
     Adkinson, Burton W., 7446  
     Costagliola, Francesco, 6480  
     Crooker, John H. Jr., 6512  
     Deming, Frederick L., 7552  
     Dyer, Lionel R., 6997

## Addresses—Continued by—continued

Fanseen, James F., 6946  
 Haar, Charles M., 7078  
 Hearn, George H., 6945  
 Heatherington, Donald F., 6998  
 Hickel, Walter J., 7091  
 Martin, Preston, 6944  
 Mitchell, George W., 6976  
 President Nixon, 7486  
 Ramey, James, T., 6478-79  
 Reed, John H., 7365  
 Romney, George, 7068  
 Seaborg, Glenn T., 6476  
 Schnellbacher, E. E., 7118  
 Shultz, George P., 7162  
 Stans, Maurice H., 6538, 6545-46  
 Turner, F. C., 7437  
 Watson, W. Marvin, 7395  
 Weinberger, Leon W., 6992  
 FMC SP series, 6945-46  
 Adkinson, Burton W., talk, Oct. 23-25, 1967, 7446  
 Administration, *see* Administrative management.  
 Administrative Conference of United States, appropriations, statutory ceiling, remove hearings, 6723  
 Administrative management:  
   administration and effectiveness of work experience and training project in Kent County, Mich., under title 5 of Economic opportunity act of 1964, GAO report, 7024  
   biology and medicine research program, administration and management, Atomic Energy Commission, GAO report, 7037  
   DoD Contract Management Conference, Contract Administration Services, recommendations, 6831  
   Internal Revenue Service administrative intern program, 7092  
   management controls of quality assurance for Apollo program, review of system, GAO report, 7035  
   manpower, improved management in Federal Government report, 6644  
   military personnel policies, digest, Army pamphlet, 6439  
   personnel management (series), 7083  
   personnel responsible for radiological health programs, directory, 7416  
   small business management series, 7452  
   *see also* Configuration management.  
 Administrative procedure, Government of offices, investigation authorization, report, 6752  
 Admire, Kans., motor carrier accident report, 7223  
 Adsorption, wettability of fluorocarbon and chlorocarbon trialkoxysilane films adsorbed on glass and metal surfaces, 7388



# INDEX

**Advertising:**  
 bait advertising, guides against, 6986  
 deceptive advertising of guarantees, guides against, 6987  
**AEC, see Atomic Energy Commission.**  
**Aerial photography:**  
 geologic features in areas outside the United States, descriptive catalog of selected aerial photographs, 7052  
 television cloud photography, meteorological satellite data, catalog, ESSA 3 and ESSA 5, 6922  
**Aerodynamics, characteristics, large angle cones at Mach 3.0 effects of cone angle, base flare angle, and corner radius, 7254 see also Helicopters.**  
**Aeromedical reviews, 6415**  
**Aeronautical charts, see Maps and charts.**  
**Aeronautics:**  
 airman's information manual, 6925  
 code of Federal regulations, 6954  
 Federal aviation regulations, 6928-38  
 research, investigation—  
 authorization report, 6652  
 expenses report, 6678  
 see also Flight.  
**Aeronomy Laboratory, ESSA technical report ERL-AL series, 6913-14**  
**Aerosols, virus, method for determining on surfaces contaminated by virus aerosols. USSR study, 7145**  
**Aerospace, see Outer space.**  
**Aerospace medicine, see Medicine.**  
**AFDC, see Children.—Families—Public assistance.**  
**Afghanistan:**  
 area handbook, 6436  
 technical cooperation, agreement, 7510  
**AFHRL, see Air Force Human Resources Laboratory.**  
**Africa:**  
 agricultural situation, 1968 review and 1969 outlook, 6860  
 Organization of African Unity, 7489  
 After school study centers, New York City, 6868  
**Age (law):**  
 minimum age for employment in underground mines, International Labor organization convention, 6574  
**Aged:**  
 handle yourself with care, accident prevention for older Americans, 6353  
 older workers, manpower programs for senior citizens, 7166  
**Aging, developments, 1968, report, 6774**  
**Aging, Special Committee on, Senate report, 6774**  
**Agricultural commodities, see Agricultural products.**  
**Agricultural conservation program:**  
 Nebraska, 6366  
 Virginia, 6369  
**Agricultural experiment stations:**  
 States—  
 funds for research, 6818  
 outdoor recreation, catalog of research projects and studies, 6819  
 professional workers, list, 6371  
**Agricultural products:**  
 agricultural commodities, agreement with—  
 Chile, 7521  
 Ghana, 7503  
 Guinea, 7520  
 India, 7522  
 Israel, 7507  
 Morocco, 7526  
 Poland, 7494  
 Turkey, 7524  
 Yugoslavia, 7502  
 foreign trade by commodities 1968 calendar year, 6865  
 fresh winter produce, capabilities of U.S. and Mexican production areas for supplying U.S. markets, 6856

**Agricultural products—Continued**  
 marketing research reports, 6383-86  
 synthetics and substitutes, compendium, 6393  
 USDA standards, list, 6373  
 vegetable products trade and tariff information, summaries, 7540  
 Western Hemisphere, excluding United States, revised 1959-1967, preliminary, 1968, indices, 6861  
**Agricultural Research Service:**  
 ARS series, 6355-61  
 screwworm eradication program, GAO review, 7034  
**Agricultural situation, see Agriculture.**  
**Agricultural Stabilization and Conservation Service:**  
 administration of program crops certification, 6395  
 Nevada's ASCS farm programs, 6367  
**Agriculture:**  
 Africa and west Asia, situation 1968 review and 1969 outlook, 6860  
 agricultural economic reports, 6855-56, 6999  
 agricultural situation in Communist areas, eastern Europe, Soviet Union, and mainland China, 6859  
 agriculture handbooks, 6370-74  
 agriculture information bulletins, 6375-76  
 code of Federal regulations, 6949-53  
 Ghana's agricultural economy in brief, 6857  
 Western Europe situation 1968 review and 1969 outlook, 6558  
 see also Irrigation.  
**Agriculture Committee, House:**  
 hearings, 6701-2  
 investigations and studies—  
 authorization, 6647  
 expenses report, 6674  
 reports, 6688, 6691  
**Agriculture Department:**  
 appropriations, 1969 and 1970, supplemental, proposal, 6876  
 appropriations, 1970, hearings, 6704  
 budget, 1970, hearings, 6704  
 institutional meat purchase specifications, fresh beef, 6815  
 leaflets, 6382  
 marketing research reports, 6383-86  
 miscellaneous publications, 6387-93  
 outdoor recreation, catalog of research projects and studies, 6819  
 PA [program aid] series, 6394-98  
 screwworm eradication program, Agricultural Research Service, GAO review, 7034  
 standards for food and farm products, list, 6373  
 statistical bulletins, 6400  
 technical bulletins, 6401  
 USDA grades, how to use in buying food, 6394  
**Ah Mee Locke, see Locke, Ah Mee.**  
**Al Bok Chun, see Chun Al Bok.**  
**AIB series, 6375-76**  
**AID, see International Development Agency.**  
**Aid to families with dependent children, see Children.—Families—Public assistance.**  
**Aid to the blind, see Public assistance.**  
**Aid to the permanently and totally disabled, see Public assistance.**  
**Aid to the totally disabled, see Public assistance.**  
**Air, air entrainment in mass concrete, 6908**  
**Air bearings, see Bearings (machinery).**  
**Air carriers:**  
 certificated, accounts and reports, uniform system, 6513  
 certification and operations, Federal aviation regulations, change, 6934A  
 U.S. operations, 1967 analysis of aircraft accident data, 7363

Air conditioning, machines, commodity report, use of market share reports, 6541  
 Air drop operations, alldrop of supplies and equipment, Army technical manual, 6443  
 Air Force:  
     career opportunities in Air Force, 6422  
     let's go Air Force! guide to opportunities, 6413  
     lithograph prints, series, announcement and order form, 7412  
     relation between effectiveness ratings and selected characteristics of rating dyads, 6402  
     selection of foreign students for training in United States Air Force, 6403  
 Air Force Department, Air Force manuals, 6404-11  
 Air Force Human Resources Laboratory, technical reports, 6402-3  
 Air Force Reserve, medical or dental program, make your practice perfect as member, 6414  
 Air inlets (aircraft):  
     bicone mixed-compression inlet for Mach 1.80 to 2.50, characteristics study, 7268  
 Air navigation:  
     flight services handbook, 6424  
     change, 6425  
 Air pollution:  
     abatement by Federal facilities, report print as Senate document, report, 6757  
     air quality control region, report for consultation Kansas City Interstate, 7426  
     progress in prevention and control, HEW report print as Senate document, report, 6758  
     St. Louis dispersion study, analysis, 7425  
     sulfur oxides, Federal research and development program on pollution abatement, report, 6685  
 Air quality act, *see* Air pollution.  
 Air traffic:  
     activity, FAA report, 1968, calendar year, 6926  
     control—  
         contractions used by FAA, etc., handbook, change, 6423  
         national airspace system (NAS) enroute stage A, maintenance, 6939  
     personnel, flight services handbook, 6424  
     change, 6425  
     security control, Federal aviation regulations, change, 6934  
     special rules and airport traffic patterns, Federal aviation regulations, change, 6935  
 Air transportation, *see* Transportation.  
 Air Weather Service, manuals, 6412  
 Aircraft:  
     certification procedures for products and parts, Federal aviation regulations, 6928  
     Coast Guard, authorization for procurement hearings, 6724  
     composite research aircraft—  
         hot cycle rotor/wing, 6450  
         tilt prop-rotor, 6451  
     gas turbines, small high-performance, feasibility of gas bearings, 6458  
     general operating and flight rules, Federal aviation regulations, 6931  
     change, 6932  
     icing, forecasters' guide, 6412  
     large, commercial operators, certification and operations, Federal aviation regulations, change, 6934A  
     light, potential structural materials and design concepts, 7229  
     military procurement, appropriations, 1969, supplemental, report, 6690, 6697  
     registration, Federal aviation regulations, change, 6929  
     stopped-stowed rotor composite research aircraft, 6452  
     VTOL model test on jet-induced lift effects, 7233  
 Aircraft accidents, analysis of data, US air carrier operations, 7363

Aircraft Development Service, reports, listing, 6426  
 Aircraft repair shops, aircraft maintenance and repair shop specialized equipment, 6827  
 Alldrop operations, *see* Air drop operations.  
 Airfields, *see* Pavements.  
 Airfolls:  
     thin, oscillating near stall, wind tunnel tests—  
         data report, 6460  
         summary and evaluation, 6459  
 Airmail, overseen Armed Forces, provide additional free letter mail and air transportation mailing privileges hearing, 6726  
 Airmen:  
     airman's information manual, 6925  
     physical standards, medical certificates, Federal aviation regulations, 6930  
 Airplanes, with double delta wing, including longitudinal and lateral characteristics and ground effects, large-scale tests on model, 7276  
 Airports:  
     directory, airman's information manual, 6925  
     Federal aid program, Federal aviation regulations, change, 6935-37  
     public, acquisition of U.S. land, Federal aviation regulations, change, 6935  
     *see also* Pavements.  
 Akima, Hiroshi, method of smooth curve fitting, 6916  
 Alabama, coal mines, waste disposal costs, 7208  
 Alaska:  
     earthquake, 1964, and aftershocks, Prince William Sound, research studies, 6528  
     fishery resources, pink salmon, 6549  
     illness among natives, 7420  
 Alfalfa, influence on pasture productivity of crested wheatgrass, 6401  
 Alignment, misalignment detector for axial loading fatigue machines, 7328  
 Allegheny National Forest, Annosus root rot, detection survey, 7004  
 Allgood, Ferris P., soil survey, Major County, Okla., 7467  
 Alliance for progress, *see* Latin America.  
 Alloys, *see also* names of metals, etc.  
 Almanacs, nautical calendar year, 7368  
 Alpha particles, bibliography, 7206  
 Alter, Amos J., water supply in cold regions, 6431  
 Alternators, *see* Electric generators.  
 Altimetry, space geodesy altimetry study, 7234  
 Altitude, elevations and distances in United States, 7049  
 Aluminum:  
     low-cycle crack growth in 2014-T6 aluminum sheet at -320°F (77K), factors influencing, 7298  
     supplementary data, 6487  
 Alund, Ernesto, relief, 6740  
 AM-FM broadcast financial data, 6941  
 AM series, 6481  
 AMC, *see* Army Materiel Command.  
 American Expeditionary Forces of 1917-69, legislative recommendations 1969, hearings, 6731  
 American Fisheries Society, 100th anniversary of founding, commemorative medals, report, 6766  
 American Journal of Nursing, relief, 6604  
 American Legion, legislative recommendations 1969 hearings, 6731  
 American policy, *see* International relations.  
 American republics, Inter-American series, 7487  
 American Veterans Committee, legislative recommendations 1969, hearings, 6731  
 American Veterans of World War II, legislative recommendations 1969, hearings, 6731  
 Americans, volunteer, monograph, 7164  
 AMG, *see* Acreage marketing guides.

# INDEX

Amirault, John V., relief, 6635  
 Ammonites, early Pennsylvanian ammonoids from southern Nevada, 7055  
 Amphetamines:  
   let's talk about goofballs and pep pills, 7377  
   up and down drugs, amphetamines and habiturates, 7430  
 AMVETS, see American Veterans of World War II  
 Anderson, Bernard H., characteristics study of bicone mixed-compression inlet for Mach 1.80 to 2.50, 7268  
 Anderson, Robert S., internal medicine in World War II, infectious diseases and general medicine, 6463  
 Anderson, Willard W., on lateral cable oscillations of cable-connected space stations, 7279  
 Anesthesia, see Anesthetics.  
 Anesthetics, halothane anesthesia and post-operative hepatic necrosis, study of possible association, 7344  
 Angle of attack:  
   experimental pressure distributions on 120° cone at Mach numbers from 2.96 to 4.63 and angles of attack from 0° to 20°, 7257  
   wind tunnel tests of thin airfoil oscillating near stall, summary and evaluation, 6459  
 Angles, cone angle, base flare angle, and corner radius effect on Mach 3.0 aerodynamic characteristics of large-angle cones, 7254  
 Animal products, trade and tariff information, summaries, 7540  
 Anisotropy, transformations of elastic constants for anisotropic media by successive simple rotations, 7214  
 Annosus root rot, see Fomes annosus.  
 Anomerlanaki, Pagona, relief, 6638  
 Antarctic regions:  
   Antarctic traverse series, 6526  
   magnetic results, South Pole-Queen Maud Land Traverse 1 1964-65, 6526  
   Soviet medical research, 7151  
   Soviet polar studies, 7141  
 Antarctica, see Antarctic regions.  
 Antennas, flight vehicle antennas and electrical durability of antennas, USSR study, 7126  
 Anthracite coal, see Coal.  
 Antiballistic missiles, see Missiles.  
 Antipoverty programs, 6575  
 Ants, in home and garden, how to control them, 6379  
 Aphasia, vocational rehabilitation problems of patient with aphasia, 7441  
 Apollo Project, see Project Apollo (man-in-space program).  
 Apollo spacecraft, see Spacecraft.  
 Apollo Telescope Mount Project, see Project Apollo (man-in-space program).  
 Appalachian region:  
   land stabilization and conservation program, 6397  
   rotary coring of oil-producing formations with mud or air, 7212  
 Apples:  
   apples in appealing ways, 6381  
   mechanical harvesting, relation of frequency and length of shaker stroke, 6355  
 Apprentices, mechanical trades, examination announcement, 6523  
 Appropriations, supplemental, 1969-70, proposal, 6581, 6588  
   see also subjects, or names of departments, etc., for which appropriations are made.  
 Appropriations Committee, House:  
   hearings, 6703-4  
   report, 6693

Appropriations Committee, Senate, hearings, 6775  
 APTD, see Public assistance.  
 Aptitude tests, army classification battery, army school samples used in estimating test validity, 6447  
 Aqualung, scuba diving, USSR manual, 7160  
 Aquatic life, graph theory applied to aquatic organism communities, USSR study, 7132  
 Aqueous solutions, saline systems, heats and entropies of transport of ions, 7089  
 Arctic regions, Soviet polar studies, 7141  
 Area handbooks:  
   Afghanistan, 6436  
   Philippines, 6437  
   Uganda, 6435  
 Area wage surveys, see Wages.  
 Arkansas, postal map, 7401  
 Armaments, see Munitions.  
 Armed Forces:  
   appropriations, 1969, military procurement, supplemental, report, 6690, 6697  
   decorations and awards (poster), 6427  
   mailing privileges provide additional free letter mail and air transportation mailing privileges, hearing, 6726  
   major achievements, 1969 report forces in action, 6822  
   postal services Europe, on-site inspection, report, 6657  
 Armed Forces Day, 1969 report, forces for freedom, 6822  
 Armed Forces Information Service, posters, DOD-P series, 6427  
 Armed Services Committee, House:  
   hearings, 6705  
   investigations and studies procurement, etc., by Defense Dept., expenses report, 6669  
   report, 6690  
 Armed Services Committee, Senate:  
   committee print, 6776  
   report, 6763  
 Armored tanks, see Tanks (Combat vehicles).  
 Army:  
   installations and major activities in continental U.S., list, 6435  
   military personnel, policies, digest, pamphlet, 6439  
   museums, directory, 7202  
   procurement procedure, 6429  
   rail transport operations, field manual, 6452  
   USSR, propagandists and agitators, handbook, 7135  
 Army Aviation Material Laboratories, technical reports, 6450-61  
 Army Department:  
   comptroller, role, in programing, budgeting, and accounting and reporting (FEAR) system, 6433  
   field manual, 6432  
   pamphlets, 6435-39  
   technical manuals, 6441-45  
 Army hospitals, see Military hospitals.  
 Army Material Command:  
   AMC pamphlets, 6428  
   reports, register of approved recurring reports, 6428  
 Army Medical Research and Development Command, medical research support, 6464  
 Army Medical Service, hospitals with approved residences, 6462  
 Army National Guard, see National Guard.  
 Arrant, Lourdes M., relief, 6632  
 Arrow Reservoir, special operating program for Canadian storage, Columbia River Basin, agreement, 7523  
 ARS, see Agricultural Research Service.  
 Artificial satellites, see Satellites.  
 Arts, National Endowment for the, see National Endowment for the Arts.  
 ASCS, see Agricultural Stabilization and Conservation Service.  
 Ash content, see Coal.

## Asia:

East and Southeast special study mission, report, 6658  
 southeast, short term radio propagation forecasts, 6915  
 west, agricultural situation, 1968 review and 1969 outlook, 6860  
 Asphalt, *see* Roofing.  
 Asplund felt, *see* Felt.  
 Astronautics, space flight investigations, opportunities for participation, 7308-12  
*see also* Bioastronautics.

## Atlantic Coast:

coast pilot—  
 Cape Henry to Key West, 6531  
 Sandy Hook to Cape Henry, 6530  
 light lists Little River, S.C., to Rio Grande, Tex., and Antilles, 6536

Atlantic consultation, President Nixon in Europe, 7482

## Atmosphere:

atmosphere's geopotential height distribution from satellite radiation measurements, statistical estimation, 6921  
 atmospheric water resources program, Project Skywater annual report, 7439-40  
 stratified, sonic boom propagation, with computer program, 7235  
 upper atmosphere geophysics, report UAG series, 6923

## Atomic energy:

cooperation for civil uses, agreement with Philippines, applications of safeguards by IAEA, 7492  
 desalting and energy development and utilization, practical considerations (remarks), 6478  
 nuclear desalting, U.S. programs and activities (remarks), 6480  
 practical uses, USSR study, 7154  
 publications, price list, 7410

## Atomic Energy Commission:

AEC research and development reports, 6466-75  
 biology and medicine research program, administration and management, 7037  
 HEC-NASA technology survey, 7246

## Atomic Energy Joint Committee:

committee print, 6564  
 current membership publications, etc. through 90th Cong. 2d sess., 6564  
 Atomic power, nuclear power, new overview (remarks), 6476  
*see* Atomic energy.

Atomic warfare, interdisciplinary conference on selected effects of general war, proceedings, 6825

Attitude control, *see* Space craft.

Auditing, *see* for audit reports, names of corporations, etc.

Australia, labor conditions and labor organizations, 7188

Authors, index medicus, cumulated, 7349

## Automation:

4th All Union conference on automatic control, USSR, 7142  
 manpower, research monographs, 7164  
 Automobile insurance, liability, industry, investigation, hearings, 6795  
 Aviation maintenance administration man, 1 & C, Navy training course, 7374  
 Aviators, foreign students for training in United States Air Force, selection, 6403  
*see also* Pilots and pilotage.  
 Awamura, Yuka, relief, 6637

## Awards (arbitration):

National Railroad Adjustment Board, 7359-61

Awards (incentive), *see* Rewards (prizes, etc.).

Axial flow, *see* Flow.

Axial load fatigue, *see* Strains and stresses.  
 Azimuth, attitude and attitude rate constraints, with optimal 3 dimensional launch vehicle trajectories, 7287

## B

Background notes, 7476-81

Bacsalmasay, John A., relief, 6749

Bacteria and bacteriology, *see* names and classes of bacteria.

Bailey Jack E., Alaska's fishery resources, pink salmon, 6540

Bait, guides against bait advertising, 6986

Baker, James D., certitude judgments in operational environment, 6448

## Balance of payments:

deficit (remarks), 7552  
 1969 program, implications (remarks), 6998

policies, review, hearings, 6568

Bald eagles, *see* Eagles.

Ball, Lauren L., use of tungsten-184 as thermal flux monitor at high temperatures, 7283

Ballistic missiles, *see* Missiles.

Banding, bats and bat banding, 7472

Banking and Currency Committee, House:

hearings, 6707  
 investigations and studies—

authorization, report, 6650

lumber and plywood prices, authorization, report, 6666

report, 6659

subcommittee prints, 6706, 6708

Banking and Currency Committee, Senate:

hearings, 6778-79

reports, 6762, 6764-66

## Banks and banking:

debts to demand deposit accounts, etc., 6973

nonmember banks that maintain clearing accounts with Federal reserve banks, 6977

## Barbiturates:

let's talk about goofballs and pep pills, 7377

up and down drugs, amphetamines and barbiturates, 7420

Barnoski, R. L., summary of random vibration prediction procedures, 7236

## Barns:

free-stall, for 60 cows, 6388

free-stall system for dairy cows, 6390

loose-housing system (covered stall) for 124 dairy cows, 6392

Basalt, strength and deformation properties at various loading rates, 6907

Bauman, W. D., wettability of fluorocarbon and chlorocarbon trialkoxysilane films adsorbed on glass and metal surfaces, 7388

Basin and Range province, trend-surface analysis and geomorphic implications, 7051

Bass, juvenile largemouth, effects of silt turbidity on behavior, 7475

Bats, and bat banding, 7472

Batteries (tests), *see* Aptitude tests.

Bayo, Francisco, termination experience of disabled worker benefits under OASDI, 7457

Beams, *see* Proton beams.

## Bearings (machinery):

anti-friction, shipments, 1958-1967, patterns of industrial growth, 6485

gas bearings for small high-performance aircraft gas turbines, feasibility, 6458

high-performance turboalternator, 7250

turboalternator gas bearing system, design, 7231

Beasley Engineering Co., Inc., relief, 6594

Beasley, Richard, numbers and characteristics of employees in institutions of higher education, 6884

Beck, Sherwin M., lithium-drifted silicon detectors as low-energy photon spectrometers, 7258

Beef, fresh, USDA institutional meat purchase specifications, 6815

Beef cattle, *see* Cattle.

# INDEX

- Beeghly, H. F., nuclear standards for chemistry and technology, 7322
- Bees, honey bees, 7455
- Beetles, black turpentine beetle distinguishing attacks on southern pines, 7017
- Behavior, effects of silt turbidity on behavior of juvenile largemouth bass and green sunfish, 7475
- Behavioral Science Research Laboratory, technical research notes, 6446-49
- Behrendt, Donald R., mathematical analysis of Fitzgerald apparatus, 7286
- Ben Hill Country, Ga., soil survey report, 7465
- Bermuda, economy of Bermuda Islands, basic data, 6540
- Bernstein, M. L., hand-printed input for on-line systems, 7228
- Berrier, Bobby L., effect of plug and shroud geometry variables on plug-nozzle performance at transonic speeds, 7275
- Bert, Charles W.:  
behavior of fiber-reinforced plastic laminates under uniaxial, biaxial, and shear loadings, 6457  
vibration evaluation of sandwich conical shells with fiber-reinforced composite facings, 6456
- Bess, Leon, suboptimal approximation to Kalman filter, 7266
- Biaxial stress, *see* Strains and stresses.
- Bibliography:  
alpha particles, 7206  
Census Bureau, methodological research, 6492  
Civil War Centennial publications, 6525  
Detroit, Mich., annotated list of maps, 7192  
early childhood education, selected references in field, 6854  
Forest Service range and wildlife habitat publications, 7007  
helium, 7206  
Human Factors Laboratory, reports, 7378  
hydrology, 1964, United States and Canada, 7000  
listing of Aircraft Development Service reports, 6426  
medical reviews, 7349  
techniques of stereotaxic neurosurgery, selected readings, 7354  
this changing world, reading guide for the General Sessions, 7491  
Veterans Administration series, 7554
- Bighorn Canyon National Recreation Area, general information, 7356
- Binder device releasably engaging aperture or notch of sheet, 7394
- Bioastronautics, physiologic research on human tumbling, 6417
- Biology:  
administration and management of biology and medicine research program, Atomic Energy Commission, GAO report, 7037  
biological evaluation of spruce budworm on Superior National Forest, 7006  
sauger population in Lewis and Clark Lake, biological characteristics, 7475  
white crappie, Lewis and Clark Lake, 7475
- Biomedicine, biomedical research and education, resources, full-time medical school faculty, 1967 fiscal year, 7347
- Bionics, bionic aspects of self-organization, USSR study, 7137
- Biosatellites, *see* Satellites.
- Birth control, family planning, OEO programs, 6551
- Black turpentine beetle, *see* Beetles.
- Blaine, R. L., interrelations between cement and concrete properties, shrinkage of neat portland cement pastes and concretes, 7319
- Blake, K. R., large area proton beams for radiobiologic research from NASA-SREL synchrocyclotron, 6416
- Blanchard, Ulysse J., full-scale dynamic landing-impact investigation of prototype lunar module landing gear, 7251
- Blessing, William E., coordinated data system for highway planning, 7436
- Blind:  
aid to blind, public assistance program, 6465  
child, home and school programs, developments and trends, 6903
- Blinded Veterans Association, legislative recommendations 1969, hearing, 6731
- Bloomington, Ind., diagnostically based curriculum, preschool program in compensatory education, 6590
- Blowers, current industrial reports, 6496
- Blue collar workers, examination announcement, amendment, 6519
- Board of Trustees of Federal Supplementary Medical Insurance Trust Fund, annual report, 6571
- Boating, statistics, motorboat numbering, boating accidents and related activities, 6534
- Boats, *see* Harbor craft.
- Bodien, Danforth G., plywood plant glue wastes disposal, progress report, 6985
- Bodies of revolution, pointed body of revolution in supersonic flow with turbulent boundary layer, method for determining total drag, 7253
- Boilworms, pink, 50 years of research, 6374
- Bonneville Power Administration:  
annual report, 6482  
ten-year hydro-thermal power program for Pacific Northwest, 6483
- Boots and shoes, Massachusetts shoe manufacturing wage chronology, supplement, 7171
- Boron, boron-epoxy and glass-epoxy filament-wound cylinders, mechanical behavior, under various loads, 7256
- Bottom trawl explorations in Lake Superior, 6547
- Botulism:  
Clostridium botulinum—  
type E, in temperature range 34° F to 50° F, growth characteristics, annual report, 6467, 6471, 6473  
type F, physiological studies, progress report, 6472
- Boundary layer:  
compressible turbulent, with pressure gradients and heat transfer, calculation, 7237  
turbulent with supersonic flow, method for determining total drag of pointed body of revolution, 7253
- Boundedness theorems and other mathematical studies of Hodgkin-Huxley type system of differential equations, 7226
- Box cars, boxcar defects and grain transit losses, relationships, 6356
- Boxes:  
Federal item identification guide for supply cataloging, 6332  
polystyrene, for shipping ice-packed poultry, cost and performance, 6383  
strength of fiberboard boxes and fruit cooling rate, effects of ventholes, 6357
- Boyle, James R., waste disposal costs of Florida phosphate operation, 7207
- Brady, Stephen W., boundedness theorems and other mathematical studies of Hodgkin-Huxley type system of differential equations, 7226
- Braun, Walter, line emission sources for concentration measurements and photochemistry, 7325
- Brayton cycle, high-performance turboalternator, 7230  
*see also* Turbines.



Branham, Margaret A., Ghana's agricultural economy in brief, 6857

Brazil:  
economic trends and their implications for United States, 7106  
records of Dept. of State, pamphlet accompanying microcopy, political relations, 1910-20, with U.S. and with other States, 7317

Breakfasts:  
school breakfast program for children, strengthen and expand, reports, 6686, 6689  
school, menu planning guide, 6813

Bridges:  
highway, standard plans, continuous bridges, 7438  
military aluminum, rigging for airdrop of supplies and equipment, 6443

Briggs, Reginald P., changes in stratigraphic nomenclature in Cretaceous system, east-central Puerto Rico, 7046

Brinkman, M. Jean, associate degrees and other formal awards below baccalaureate, 6867

Broadcasting, *see* Radio broadcasting—Radio stations—Telecasting.

Bromley, L. A., properties of sea water and its concentrations up to 200° C, 7054

Brooks, Joseph D., investigation of plasma accelerator with magnetic field arranged to produce divergent-nozzle effect, 7259

Brown, C. Ervin, new tale deposit in St. Lawrence County, N.Y., 7041

Brown, M. John, degradation of multiplier phototubes exposed to spatial radiations, 7238

Brown, S. G., geohydrology and water utilization, 7070

Browns Ferry Nuclear Plant, Wheeler Reservoir, Ala., fish monitoring investigations, 7544

BSRL, *see* Behavioral Science Research Laboratory.

Budget of United States, amendments, 1969-70, proposals, 6581, 6588

Budgets, *see* Budget of United States—also names of departments, etc.

Budworms, spruce budworm, on Superior National Forest, Mological evaluation, 7006

Building:  
failure safe design for structural titanium alloys, fracture toughness characterization, etc., 7383  
hospital and medical facilities, general standards of construction and equipment, 7418  
sewage and water works construction, contract awards, 6991

Building machinery, construction machinery, 1967, current industrial reports, 6495

Building science series, 7319

Bulletins, *see* names of departments, etc., issuing bulletins.

Bunker, John P., study of possible association between halothane anesthesia and postoperative hepatic necrosis, 7344

Bunker oil, *see* Fuel oil.

Bur, Thomas R., transformations of elastic constants for anisotropic media by successive simple rotations, 7214

Burke, Ronnie L., characteristics of beef cattle feedlots, California, Colorado, western Corn Belt, 6385

Burundi, Republic of, background notes, 7477

Business:  
census 1967—  
area reports, announcements, 649f  
retail trade area statistics, 6493-94  
helping through science and technology, State technical services, 6544  
implications of Latin American economic integration, 6543  
international business publications, 7119  
checklist, supplement, 7117

Business—Continued  
overseas business reports, 6540-43  
small business—  
allocation of radio frequency and its effect, report, 6645  
concessioners on Federal lands, SBA services, 7448  
crime against, report, 6735  
impact of games of chance in gasoline marketing, report, 6646  
management series, 7452  
material handling, improvement methods, 7452  
problems investigations and studies, expenses, report, 6677  
SBIC industry review, 7450  
technical aids for small manufacturers, 7453

Buying, *see* Purchasing.

Byers, David C., performance of various oxide-magazine cathodes in Kaufman thrusters, 7262

O

C&MS, *see* Consumer and Marketing Service.

Cables, *see* Electric cables.

CACM, *see* Central American Common Market.

Caln, Dorothy S., Raman spectroscopy of polymeric materials, etc., 7387

Calderon, Maria, *see* Caramanzana, Maria P.

Calendars, international geophysical calendars, 1957-69, solar and geophysical information, 6923

Calhoun, John W., soil survey of Ben Hill and Irwin County, Ga., 7465

California, beef cattle feedlots, characteristics, 6385

Calorimetry, evaluation of two cone-column solar-energy concentrators, 7281

Camouflage:  
antiradar camouflage techniques, USSR study, 7138  
deceptive advertising of guarantees, guides against, 6987

Canada:  
Columbia River Basin, special operating program for Canadian storage, agreement, 7523  
Gut Dam claims, settlement, agreement, 7506  
hydrology, 1964, bibliography, 7060  
release of certain lands from leased areas of Goose Bay, Newfoundland, agreement, 7509  
seismic observations, underground nuclear explosions, Project Vela Uniform, agreement, 7525  
telecommunication, pre-sunrise operation of certain standard (AM) radio broadcasting stations, agreement, 7508

Cancer, chemotherapy reports, 7341

Canning and preserving, home canning of meat and poultry, 6380

Cape Henry to Key West, coast pilot, 6531

Capital of United States:  
crime in National Capital, hearings, 6781  
National Capital parks, 1969 activities, 7355

Capitol:  
parking on House side, selected committee to regulate, create, report, 6663  
Senate Chamber, speech reinforcement system, authorize, report, 6772

Caplan, S. Roy, coupling phenomena in synthetic membranes, 7090

Caps, radiator and tank, Federal Item Identification guide, 6833

Caramanzana, Maria P., relief, 6615

Carbides, *see* Tungsten carbide.

Carbon dioxide, and water vapor transmission, polynomial representation, 6920

Carbon films, *see* Films (coatings).

Careers, *see* Civil service—Occupations.

# INDEX

- Caribbean, Communism's new strategy in area, report, 671
- Carl Hayden project, name, report, 6771
- Carnations, production and sales, etc., 7529
- Carnets, *see* Forms, blanks, etc.
- Carpenter, Richard, relief, 6603
- Cartesian coordinates, *see* Coordinates.
- CAS, *see* Contract Administration Services.
- Cataloging, cataloging handbook, H series, 6823
- Catalogs:
- aerial photographs of geologic features in areas outside the United States, 7052
  - civil defense exhibits, 6517
  - Coast and Geodetic Survey, aeronautical charts and related publications, 6527
  - GSA forms catalog, 7038
  - market share, reports, 7117
  - meteorological satellite data, television cloud photography, catalog ESSA 3 and ESSA 5, 6922
  - Naval Academy, Annapolis, 7366
- Cathodes, oxide-magazine, in Kaufman thrusters, performance, 7262
- Cattle:
- beef cattle feedlots in California, Colorado, and western Corn Belt, 6385
  - scabies epidemiology, activities, report, 6362
  - self-feeder, farm building plan, 6387
- Cavitation:
- damage and performance of axial flow pump in 1500° F (1089K) liquid sodium, 7296
  - noncavitating and cavitating performance of several low area ratio water jet pumps having throat lengths of 3.54 diameters, 7272
- Cement:
- interrelations between cement and concrete properties, 7319
  - portland cement pastes and concretes, shrinkage, 7319
- Census:
- business, retail trade area statistics, 6493-94
  - New Florence, case study for 1970 censuses of population and housing, action-oriented census program—
    - concepts, 6505
    - initial decisions, 6504
    - protesting, 6506
  - population, 1790-1890, price list of microfilm copies of schedules, erratum, 7313
  - vital and health statistics, 1970 census plans, study group report of Public Health Conference on Records and Statistics, 7432
  - see also* subjects.
- Census Bureau, methodological research, 1967, papers and reports, list, 6492
- Central America, east coast, sailing directions, change, 7369
- Central American Common Market, achievements and problems, 7487
- Central Arizona project, rename Carl Hayden project, report, 6771
- Ceramals, cermet of uranium nitride and tungsten or molybdenum from mixed powders and from coated particles, fabrication, 7294
- Ceramics:
- ceramic properties of clay deposits of Eocene age, 7047
  - ceramic transducer, USRD F43, high-pressure piezoelectric, 7389
- Cermetals, *see* Ceramals.
- Certifying your program acres, 6395
- Certitude judgments in operational environment, 6448
- Chad, foreign economic trends and their implications for United States, 7101
- Chaffee, Frederic H., area handbook for the Philippines, 6437
- Champaign, Ill., academic preschool, program in compensatory education, 6889
- Chandler, Marjorie O.:
  - opening fall enrollment in higher education, 1968, institutional data, 6887
  - students enrolled for advanced degrees, fall 1967, summary data, 6880
- Channels, SEAMAP deep-sea channel, 6917
- Chapin, Roy E., computer programming of aerospace rations, 6418
- Charba, Jess, structure and movement of severe thunderstorms of Apr. 3, 1964, as revealed from radar and surface mesonet-work data analysis, 6911
- Charcoal, coated, radioimmunoassay for plasma insulin, 6420
- Charles, Bruce D., wind tunnel investigation of semirigid full-scale rotors operating at high advance ratios, 6461
- Charts:
- color (medical), and test strips, Federal Item Identification guide, 6336
  - graphecon in information-transmission systems of coastal radar stations, USSR study, 7149
  - see also* Maps and charts.
- Checklists, *see* subjects.
- Chemicals, *see* Organic compounds.
- Chemistry, nuclear standards for industry, science, government and consumer, symposium, proceedings, 7322
- Chemotherapy, cancer chemotherapy reports, 7341
- Cheng-hual Li, *see* Li, Cheng-hual.
- Chiang-hual Li, *see* Li, Cheng-hual.
- Chihuahua, Mexico, dispatches from U.S. consuls, pamphlet accompanying microcopy, 7315
- Child development, *see* Children.
- Child life, *see* Children.
- Child study, *see* Children.
- Childhood, *see* Children.
- Children:
- AFDC study, 1967, preliminary report from mail questionnaire, 7330
  - child nutrition act of 1966—
    - extend—
      - hearings, 6701
      - report, 6691
    - strengthen and expand, report, 6686, 6689
  - children and families in your State, social services, 6510
  - dependent, aid to families, cost standards for basic needs and percent of standards met, tables, revised pages, 7334
  - early childhood education, selected references in field, 6854
  - food service programs under national school lunch act, strengthen and expand, reports, 6686, 6689
  - handicapped, early education assistance act policies and procedures, 6883
  - parent and child centers, guide for development, 6849
  - play areas and equipment, Army technical manual, 6441
  - preschool program in compensatory education, 6889-94
  - research programs, studies in progress, 6511
  - special milk program, extend—
    - hearings, 6701
    - report, 6691
  - survivor benefits, civil service retirement system, 6520
  - visually handicapped, home and school programs, developments and trends, 6903
- Children's Bureau, publication, 6510
- Chile, agricultural commodities, agreement, 7521
- China:
- Communist, agricultural situation, 6859
  - Republic—
    - economic trends and their implications for United States, 7111



## China—Continued

Republic—Continued  
 scientific cooperation, agreement, 7519  
 transfer of vessel, U.S.S. Geronimo, agreement, 7505  
 Chinle formation, Chinle (Upper Triassic) and Sundance (Upper Jurassic) formations in north-central Colorado, 7045  
 Chlorofluorocarbons, *see* Fluorocarbons.  
 Chortyk, O. T., rapid vacuum evaporation system, 6361  
 Chronic diseases, *see* Diseases.  
 Chrysanthemums, production and sales, etc., 7529  
 Chun, Ai Bok, relief, 6611  
 Circuits, integrated for fluidic-controlled pneumatic stepping-motor system, design and performance, 7301  
 Circulars, *see* names of departments, etc., issuing circulars.  
 Cities and towns:  
   model cities program, information, 7076  
   science and technology and the cities, Panel on Science and Technology, 10th meeting, proceedings, 6730  
   urban university, challenge and response (remarks), 7078  
 Civil defense, *see* Civilian defense.  
 Civil Defense Office:  
   FG series, 6515  
   handbook series, 6516  
   miscellaneous publications MP series, 6517-18  
   publications Index, 6518  
 Civil engineering, Coast Guard reports, 6535  
 Civil law, Air Force manual, 6410  
 Civil service:  
   career opportunities, Federal Power Commission, 6948  
   examination announcement—  
     apprentice, mechanical trades, 6523  
     engineers, revised, 6521  
     journeymen in printing crafts, 6522  
     scientist, revised, 6521  
   trades and crafts, equipment operation and repair, blue collar workers, amendment, 6519  
 Civil service pensions:  
   retirement system, financing, amend U.S. Code, hearings, 6727  
   survivor benefits for children, civil service retirement system, 6520  
 Civil service retirement and disability fund, *see* Civil service pensions.  
 Civil War Centennial Commission, report to Congress, 6525  
 Civilian agencies, *see* Government offices.  
 Civilian defense:  
   company industrial civil defense manual, guide to developing, 6515  
   display catalog, exhibits, 6517  
   Federal civil defense guide, 6514  
   Federal surplus personal property, how to acquire, 7065  
   FG series, 6515  
   publications, price list, 7410  
 Civilian employees, *see* Government officials and employees.  
 Claims:  
   Gut Dam, settlement, agreement with Canada, 7506  
   War claims act of 1948, amend, report, 6683  
   *see also* names of claimants.  
 Clain-Stefanelli, Vladimir, history of national numismatic collections, 7352  
 Clark National Forest, seed and cone insect survey on seed production areas, 7005  
 Clarke, Frank E., evaluation and control of corrosion and encrustation in tube wells of Indus Plains, West Pakistan, 7058  
 Classification, *see* names of substances, objects, etc., classified.  
 Classification definition series, 7394  
 Classification tests, *see* Aptitude tests.

Clay, Eocene age deposits in Jackson Purchase region, Ky., and adjacent parts of Tennessee, stratigraphic and mineralogic relations and ceramic properties, 7047  
 Clean air act, *see* Air pollution.  
 Clean water restoration act, *see* Water pollution.  
 Cleaning compounds, detergents, Federal test standard method, change, 6983  
 Clear Lake, Tex., hydrological conditions, 6551  
 Clearinghouse for Research in Child Life, research relating to children, 6511  
 Cleaver, Fred, recent advances in artificial culture of salmon and steelhead trout of Columbia River, 6550  
 Clerks, distribution, prepare yourself for postal examination, 6524  
   *see* Law clerks.  
 Clifton, H. Edward, sample size and meaningful gold analysis, 7056  
 Clinch River and Valley, eastern Tennessee, distribution of radionuclides in bottom sediment, 7050  
 Clinics, outpatient psychiatric, provisional patient movement data, United States, 7424  
 Clostridium:  
   botulinum, type E, in temperature range of 34°-50° F. growth characteristics, annual reports, 6467, 6471, 6473  
   botulinum, type F, physiological studies, progress report, 6472  
 Clothing, protective, protection against means of mass destruction, USSR study, 7127  
 Clouds:  
   effects on selection of recovery sites for future earth orbital missions, 7288  
   television photography, meteorological satellite data, catalog, ESSA 3 and ESSA 5, 6922  
 Clutter, *see* Radar.  
 Coal:  
   anthracite Pennsylvania, distribution 1967-68 coal year, 7205  
   ash constituents, major, in U.S. coals, 7213  
   laden in United States on vessels engaged in foreign trade, 6508  
 Coal mines and mining:  
   legislation on safety of coal miners, message from President, 6582  
   waste disposal costs at 2 coal mines in Kentucky and Alabama, 7208  
   *see also* Mine drainage.  
 Coast and Geodetic Survey:  
   aeronautical charts and related publications, catalog, 6527  
   ESSA technical reports, C&GS series, 6912  
   publication series, 6528  
   special publication, 6529  
 Coast Guard:  
   appropriations for vessels, etc., authorization, hearings, 6724  
   civil engineering reports, 6535  
   construction of shore and offshore establishments, appropriation authorization, hearings, 6724  
   range design, civil engineering report, 6535  
 Coast Guard stations:  
   appropriations for vessels, etc., authorization, hearings, 6724  
   construction of shore and offshore establishments, appropriation authorization, hearings, 6724  
 Coast pilot, United States coast pilot, 6530-31  
 Coastal Engineering Research Center, technical memorandums, 6905  
 Coasting material, protective films on mild steel, porosity, 7386  
 Cochise County, Ariz., geohydrology and water utilization, 7059  
 Cochran, Corbie F. Jr., relief, 6605

# INDEX

- Code of Federal regulations, 6949-70
  - see also* for titles, chapters, etc. of the
  - Code printed separately, *also* subject.
- Codes, Federal information processing standards publication information interchange and related media standards, implementation of code, 7320
  - see also* Codes of Law—*also* names of departments, etc., issuing codes—*also* subjects.
- Codes of law, United States, 1964 edition, supplements, 6556-57
- Coefficients, linear differential equations with almost periodic coefficients, generalized averaging method for, 7302
- Coffman, Jerry L., earthquake investigation in United States, 6529
- Cognasso, Ernestine S., records of Dept. of State relating to political relations between U.S. and Brazil, and between Brazil and other states, pamphlet, 7317
- Cohee, George V., changes in stratigraphic nomenclature by Geological Survey, 7043
- Cohen, Philip, hydrologic effects of 1962-66 drought on Long Island, N.Y., 7062
- Cohen, R., high-performance turbobitrator and associated hardware, 7230
- Coins, *see* Numismatics.
- Cold regions:
  - science and engineering series, engineering, 6431
  - water supply, 6431
- Cold storage, regional holdings, 1968, summary, 7535
- Cold war, *see* International relations.
- Collective bargaining:
  - major agreements, training and retraining provisions, 7170
  - selected pension plans, spring 1968, digest, 7172
- Colleges and universities:
  - associate degrees and other formal awards below baccalaureate in higher education, 6367
  - college bound program, New York City, secondary program in compensatory education, 6899
  - employees in institutions of higher education, numbers and characteristics, 6884
  - enrollment in higher education, opening fall, 1968, institutional data, 6887
  - Federal support to universities and colleges, 1967 fiscal year, 7362
  - higher education act of 1965 student loan program, 7% tables and amortization tables, 6902
  - library statistics, fall 1968 data for individual institutions, 6881
  - students enrolled, advanced degrees, fall 1967, summary data, 6880
  - urban university, challenge and response (remarks), 7078
  - see also* names of colleges and universities.
- Collishaw, A. N., spiral generation of building shells for military construction, 6905
- Colombia:
  - economic trends and their implications for United States, 7115
  - weather stations, cooperative meteorological program, continuation, agreement, 7498
- Color perception, underwater visibility of colors with artificial illumination, 7199
- Colorado:
  - beef cattle feedlots, characteristics, 6385
  - north-central, Chinle (Upper Triassic) and Sundance (Upper Jurassic) formations, 7045
- Columbia River and Valley:
  - basin, special operating program for Canadian storage, agreement with Canada, 7523
  - Federal Columbia River Power System, Bonneville Power Administration report, 6482
- Columbia River and Valley—Continued
  - salmon and steelhead trout, recent advances in artificial culture, 6550
- Columbus, Ohio, area wage survey, 7178
- Combustion, instability, acoustic mode, measured effects of gaseous flow system dynamic, 7265
- Combustors, rocket, Helmholtz resonators evaluated, design of acoustic liners for rocket liners, 7304
- Comella, Lawrence J., basic data on economy of Bermuda Islands, 6540
- Command (military):
  - political advisers to U.S. military commanders, analysis and assessment, 6787
- Commanders digest (periodical):
  - index, 6824
- Commemorative medals, *see* Medals.
- Commerce:
  - foreign trade—
    - five-year outlook with recommendations for action, 7120
    - statistics, regulations, compilation, amendments, 6490
  - new Administration's approach to current problems (remarks), 6545
  - summaries of trade and tariff information, 7541
  - waterborne commerce of non-vessel operating common carrier remarks, 6945
  - see also* Exports—*also* names or classes of articles of commerce.
- Commerce Department:
  - Assistant Secretary for Economic Development, nomination of Robert A. Podesta, hearing, 6802
  - how to sell to, 6839
- Commercial Fisheries Bureau:
  - circulars, 6547
  - special scientific reports, fisheries series, 6551
- Commercial products, *see* names of products.
- Commission to Study Mortgage Interest rates, extend, report, 6762
- Commissions, *see* names of commissions.
- Commodities, *see* Fruit.
- Commodity Credit Corporation:
  - appropriation—
    - 1969, supplemental, hearings, 6703, 6775
    - 1969 and 1970, supplemental, proposal, 6576
  - capital impairment, restore, report, 6693
  - financial statements, 1968, GAO examination, 6583, 7029
- Communications:
  - aeronautical, flight services handbook, 6424
    - change, 6425
  - industry wage survey, 7176
  - satellite act of 1962, amend—
    - law, 6563
    - report, 6654
  - skills center project, Detroit, Mich., elementary-secondary program in compensatory education, 6877
  - see also* Signals.
- Communications Satellite Corporation:
  - COMSAT board of directors, formula for election, amend act—
    - law, 6563
    - report, 6654
- Communism:
  - propagandists and agitators of army and navy, USSR, handbook, 7135
  - strategy in Caribbean, report, 6711
- Communist China, *see* China.
- Communist Party of China, history, conference papers available, 7484
- Community Development Office, HUD, what it is, what it does, 7077
- Community health, *see* Health.
- Community Relations Service, annual report, 6553
- Companies, company industrial civil defense manual, guide to developing, 6515

Compensation, *see* Wages.  
 Compensatory education, *see* Education.  
 Competition, defense procurement, minimize concentration, hearings, 6794  
 Composite materials:  
   fiber-reinforced composite facings of sand-  
   wich conical shells, vibration evaluation,  
   6456  
   lattice model, 7242  
   oblique loading of undirection fiber com-  
   posites, shear loading, 6455  
   void content in glass-filament-wound com-  
   posites, nondestructive testing, 7382  
 Compounds, *see* names or classes of com-  
 pounds, or purpose for which used.  
 Compression, bicone mixed-compression inlet  
 for Mach 1.80 to 2.50, characteristics  
 study, 7268  
 Computers, computer programs, sonic boom  
 propagation in stratified atmosphere, 7235  
*see also* Electronic computers.  
 COMSAT, *see* communications Satellite  
 Corporation.  
 Concentrators, two cone-column solar-energy  
 concentrators, calorimetric evaluation,  
 7281  
 Concessions, SBA services for concessioners  
 on Federal lands, 7448  
 Concrete:  
   air entrainment in mass concrete, 6908  
   epoxy or polyester resin concrete used in  
   tensile zone of composite concrete  
   beams, 6910  
   hardened, test methods and results, cor-  
   relation, 6909  
   neat portland cement pastes and concretes,  
   shrinkage, interrelations between cement  
   and concrete properties, 7319  
   outside concrete shelter, home fallout  
   shelter, 6516  
   sets, five-piece, for small mine openings,  
   progress report, 7219  
   Concrete beams, tensile zone, use of epoxy  
   or polyester resin, concrete, 6910  
 Cones:  
   and seed insect survey on seed production  
   areas, Clark, Mark Twain, and Shawnee  
   National Forests, 7005  
   blunted-cone, cone-frustum reentry con-  
   figuration at Mach 10, laminar heat-  
   transfer distributions, 7299  
   cone angle, base flare angle, and corner  
   radius effects Mach 3.0 aerodynamic  
   characteristics of large-angle cones, 7254  
   experimental pressure distributions on  
   320° C one at Mach numbers from 2.96  
   to 4.63 and angles of attack from 0°  
   to 20°, 7257  
   two cone-column solar-energy concentra-  
   tors, calorimetric evaluation, 7281  
 Coney, Thom A., effect of flow rate on dynamic  
 contact angle for wetting liquids, 7285  
 Conference committee, report, 6697  
 Conferences, congresses, etc., international  
 organization and conference series, 7488  
*see also* names of conferences, etc.—subject  
 of conference.  
 Configuration management:  
   configuration status accounting data ele-  
   ments and related features, military  
   standard, 6841  
   engineering changes, deviations and waivers,  
   military standard, 6840  
 Configurations, high-performance turbobol-  
 terator and associated hardware, 7230  
 Congo (Kinshasa):  
   economic trends and their implications for  
   United States, 7107  
 Congo (Leopoldville), *see* Congo (Kinshasa).  
 Congress of United States:  
   congressional record, 90th Cong., 1st sess.,  
   bound volume, index, 6554

Congress of United States—Continued  
   directory, official edition, 91st Congress,  
   1st sess., 6555  
   officers, salary increase, report, 6656  
   Congressional record, *see* Congress of United  
   States.  
   Congressional serial set, 6558-60  
   Conkley, Thomas J., generalized averaging  
   method for linear differential equations  
   with almost periodic coefficients, 7302  
   Connelly, J. A., two automatic sirup draw-  
   off controllers, 6360  
   Conservation, *see* Natural resources.  
   Conservation irrigation, *see* Irrigation.  
   Conservation notes, 7468  
   Constitution of United States, amend to re-  
   vise electoral college reform hearings, 6722  
   Construction, *see* Building.  
   Construction machinery, *see* Building ma-  
   chinery.  
   Construction materials, light aircraft, po-  
   tential structural materials and design  
   concepts, 7229  
   Construction workers, wage requirements,  
   prevailing, on construction of FHA-in-  
   sured multifamily housing projects, labor  
   standards, 7069  
 Consuls:  
   U.S., despatches, pamphlet accompanying  
   microcopy—  
   Chihuahua, 7315  
   Tuxpan, Veracruz, 7316  
 Consumer and Marketing Service, C&MS se-  
 ries, 6806-13  
 Consumer credit, *see* Credit—Installment  
 credit.  
 Consumer income, *see* Income.  
 Consumers:  
   District of Columbia protection program.  
   Federal Trade Commission report, 6934  
   fight back, the ungente art of self defense  
   recommended by Federal Trade Com-  
   mission, 6985  
   sanitation handbook of consumer protec-  
   tion programs, 6817  
   utility consumers' counsel act of 1969,  
   hearings, 6789  
   Contagion and contagious diseases, World  
   War II, infectious diseases and general  
   medicine, 6463  
   Containers, customs convention, 7515  
   Contamination, virus on surfaces contami-  
   nated by virus aerosols method for deter-  
   mining, USSR study, 7145  
   Continuum theory for elastic solid with  
   elastic micro-inclusions, 7241  
   Contract Administration Services, DoD Con-  
   tract Management Conference, recom-  
   mendations, 6831  
   Contract Appeals, Government Board of, *see*  
   Government Board of Contract Appeals.  
   Contractions, *see* Abbreviations.  
   Contractor report NASA CR (series), 7225-  
   42  
   Contracts, *see* Government contracts.  
   Cooling, effects of vent holes on strength of  
   fiberboard boxes and fruit cooling rate,  
   6357  
   Cooper, Robert W., preliminary guidelines  
   for using suppression fires to control wild-  
   fires in Southeast, 7018  
   Cooperative area manpower system, concen-  
   trating manpower services against pov-  
   erty, 7163  
   Cooperative State Research Service, CSRS  
   series, 6818  
   Cooperatives, development under foreign as-  
   sistance act of 1961, report, 6708  
 Coordinates:  
   Fourier analysis by method of selected  
   ordinates, 7267  
   transformations of elastic constants for  
   anisotropic media by successive simple  
   rotations, 7214

# INDEX

Copeland, William L., resources for biomedical research and education, full-time medical school faculty, 7347  
 Cooper, industry, mineral industry surveys, annual supplement, 7204  
 Copyright Office:  
   anisotropic media by successive simple measurements, 6820  
   circulars, 6820  
 Core drilling, rotary coring of Appalachian area oil-producing formations with mud or air, 7212  
 Cores, super conductive dust cores for inductive elements, 7295  
 Corliss, William R., teleoperator controls, AEC-NASA technology survey, 7246  
 Corn Belt, western, beef cattle feedlots, characteristics, 6385  
 Corporations:  
   doing foreign banking or financing that maintain reserve accounts with Federal reserve banks, list, 6977  
   income tax returns, statistics, 7099  
 Corrals, portable corral-transport, 6389  
 Correctional rehabilitation, *see* Rehabilitation of criminals.  
 Corrosion and anticorrosives, corrosion and encrustation, evaluation and control in tube wells of Indus Plains, West Pakistan, 7058  
 Corsiglia, Victor R., large-scale tests of airplane model with double-delta wing including longitudinal and lateral characteristics and ground effects, 7276  
 Cosby, John T., jr., relief, 6591  
 Cosmetics, food, drug, and cosmetic act, as amended, text, 6994  
 Cosmonauts, Soviet, training, space vehicle testing, 7140  
 Cost, *see* subjects.  
 Costagliola, Francesco, remarks, Mar. 21, 1969, 6450  
 Cotton:  
   1968 upland cotton program, 6368  
   textiles, trade agreement with Singapore, 7493  
   USSR production, report of U.S. technical study group, addendum, 6599  
 Cotton gins and ginning, operating costs in west Texas, 6386  
 Couplings, synthetic membranes, coupling phenomena, 7090  
 Court of Claims, judgments for compensation, implement, amend, U.S. code, report, 6750  
   *see also* names of claimants.  
 Courts, *see* names of courts.  
 Cows:  
   free-stall system for dairy cows, 6390  
   free-stall barn for 60 cows, 6388  
   loose-housing system (covered free stall) for 124 dairy cows, 6392  
 Cox, Lawrence M., nomination, hearing, 6779  
 CR series, 7398  
 Crabs, *see* King crabs.  
 Cracking of metals, *see* Fracture of metals.  
 Crafts, protective and custodial employees, *see* Government officials and employees.  
 Crapple, white crapple in Lewis and Clark Lake, biology, 7475  
 Crates, Federal item identification guide for supply, cataloging, 6832  
 Credit:  
   foreign credits of United States Government, 7551  
   housing, code of Federal regulations, 6956  
   truth in lending, consumer credit cost disclosure, what you ought to know about Federal Reserve regulation Z, 6978  
   truth in lending regulations, hearings, 6707  
 Cretaceous period, Cretaceous system, east-central Puerto Rico, changes in stratigraphic nomenclature, 7046  
 Crime and criminals:  
   crime in National Capital, hearings, 6781

Crime and criminals—Continued  
   criminal justice expenditure and employment for selected large governmental units, 1966-67, 6507  
   District of Columbia crime and criminal procedure bill, suggestions of President's Commission on Crime, implementation, committee print, 6780  
   small business, crime against, report, 6735  
 Crime and Regional Aspects of Crime Problem, President's Commission on, *see* President's Commission on Crime and Regional Aspects of Crime Problem.  
 Crime in District of Columbia, President's Commission on, *see* President's Commission on Crime in District of Columbia.  
 Criminal jurisdiction, criminal justice expenditure and employment for large governmental units, 1966-67, 6507  
 Criminal Laws, National Commission on Reform, *see* National Commission on Reform of Federal Criminal Laws.  
 Criminal procedure, District of Columbia crime and criminal procedure bill, suggestions of President's Commission on Crime, implementation, committee print, 6780  
 Criteria for use in planning new facilities, 7398  
 Croatian language, *see* Serbo-Croatian language.  
 Crooker, John H., Jr., address, Mar. 27, 1969, 6512  
 Crops:  
   certifying your program acres, ACSO administration, 6395  
   planting prospective, 7527  
   values, season average prices, value of production, 7528  
   *see also* names of crops.  
 Crouch, Glenn L., effects of protection from deer on survival and growth of Douglas-fir seedlings, 7010  
 CRS, *see* Community Relations Service.  
 Crystal lattices, lattice model for composite materials, 7242  
 Crystallography:  
   crystallographic properties of spinel lithium ferrite, effects of lithium and oxygen losses, 7307  
   freeze desalination crystallizers, development of methods for determining ice particle size distribution, 7087  
 Crystals, *see* Crystallography.  
 CSRS series, 6818  
 Culture, influences on children, research programs, studies in progress, 6511  
 Culver, John C., Czechoslovakia, special study mission, report, 6710  
 Current industrial reports, 6495-99  
 Curriculum, diagnostically based, Bloomington, Ind. preschool program in compensatory education, 6890  
 Curtis, Lindsay R.:  
   glue sniffing, big trouble in a tube, 7375  
   let's talk about goofballs and pep pills, 7377  
 Curvature (mathematics):  
   short data area, effect of gravitational-model selection on accuracy of lunar orbit determination, 7278  
 Curves, *see* Curvature (mathematics).  
 Curves (drafting):  
   method of smooth curve fitting, 6916  
 Curwen, Peter William, feasibility of gas bearings for small high-performance aircraft gas turbines, 6458  
 Cusick, James P., resonant mode analysis of the Fitzgerald apparatus, 7277  
 Customs, *see* Tariff.  
 Cutting of metals, *see* Metal cutting.  
 Cybernetics, USSR developments, 7158  
 Cylinders:  
   boron-epoxy and glass-epoxy filament-wound cylinders mechanical behavior, under various loads, 7256

## Cylinders—Continued

- forward-facing nozzles exhausting near large cylindrical body at free-stream Mach numbers of 3.0 and 6.0, exploratory investigation of flow field resulting, 7252  
viscous flow in short cylindrical vortex chamber with finite swirl ratio, 7293  
Cyprus, background notes, 7478  
Czechoslovakia, special study mission, report, 6710

## D

- Dairy cattle, *see* Cows.  
Daley, John C., NRL terrain clutter study, 7381  
Dallas, Tex., area wage survey, 7181  
Damping of vibration, *see* Vibration.  
Darden, Pierre S. duPont, relief of estate, 6598  
DASIAC, *see* Defense Atomic Support Agency Information and Analysis Center.  
Data, *see* subjects.  
Data processing, *see* Electronic data processing systems.  
Davenport, Edward C., New Florencia, census concepts, 6505  
Davis, Harry E., digest of 100 selected pension plans under collective bargaining, spring 1968, 7172  
Day care of children:  
Federal funds for day care projects, 7562  
food service programs under national school lunch act, strengthen and expand, reports, 6686, 6689  
Dearing, J. David, laminar heat-transfer distributions for blunted cone, cone-frustum reentry configuration at Mach 10, 7299  
DeBethune, Andre J., heats and entropies of transport of ions in aqueous solutions, 7089  
Debits, *see* Banks and banking.  
Debt, farm mortgage, 6862  
*see also* Public debt.  
Deception, *see* Camouflage.  
Decorations of honor, Armed Forces decorations and awards (poster), 6427  
Deer, effects of protection from deer on survival and growth of Douglas-fir seedlings, 7010  
Defense, *see* National defense.  
Defense Atomic Support Agency Information and Analysis Center, special reports, 6825  
Defense Department:  
appropriations, 1969, military procurement, supplemental reports, 6690, 6697  
cataloging handbook, H series, 6823  
commanders digest, index, 6824  
configuration status accounting data elements and related features, military standard, 6841  
Contract Management Conference, Contract Administration Services, recommendations, 6831  
DoD poster, 6427  
handbook DSAH series, 6827-29  
handbook DSASCH series, 6826  
manual DSAM series, 6830  
military standards, 6835-44  
overseas schools, extend program for allocation of funds elementary and secondary education act, amendments of 1969—  
hearings, 6709  
report, 6695  
procurement—  
competition, minimize concentration, hearings, 6794  
personnel, etc., investigation expenses, report, 6669  
specification practices, military standard, 6842

## Defense Department—Continued

- State-Defense Officer Exchange program, analysis and assessment, committee print, 6788  
wooden pallets market 1965, requirements, etc., 7021  
Defense Supply Agency:  
handbook DSAH series, 6827-29  
manual DSAM series, 6830  
Defense Supply Agency Administrative Support Center:  
handbook DSASCH series, 6826  
index of publications, forms, etc., 6826  
Defense utilization manual, 6830  
Deformations (mechanics):  
granite, basalt, limestone and tuff, strength and deformation properties at various loading rates, 6907  
Degrees (colleges, universities, etc.):  
advanced, fall 1967, students enrolled, summary data, 6680  
associate degrees and other formal awards below baccalaureate in higher education, 6867  
men with college degrees, population characteristics, 6500  
Delnema, J. W., quality of environment vital to all, 7003  
Delaware, postal map, 7402  
Delaware River and Valley, Tocks Island dam, power aspects, hearings, 6801  
Del Baglivo, Anna, relief, 6627  
Delta launch vehicle, *see* Spacecraft.  
Delta wings, *see* Wings (aircraft).  
Dembrow, Daniel, flight performance of FW-4D solid-propellant rocket motor on Delta 50 (AIMP-E), 7249  
Deming, Frederick L., remarks, Oct. 7, 1968, 7552  
DeMond, Albert L., progress report of vocational-technical education program development for persons with special needs, by States, under Vocational education act of 1963, 6895  
DeMonte, Enrico, relief, 6593  
Densitometers, estimation of serum proteins by quantitative densitometry after gel electrophoresis, 6421  
Densitometry, *see* Densitometers.  
Density, and oil yield, for oil shales, theoretical relationship, 7218  
Dental care, *see* Dentistry.  
Dental officers, *see* Dentists.  
Dentistry, dental support, Fleet Marine Force manual, 7194  
Dentists, make your practice perfect, join Air Force Reserve, 6414  
Dependents, U.S. personnel assigned to South Vietnam, duty-free entry privileges in Philippines, agreement, 7496  
Depository libraries, *see* Libraries.  
Desalination:  
desalting and energy development and utilization, practical considerations (remarks), 6478  
electrochemically controlled ion-exchange desalination, transport processes, 7088  
freeze desalination crystallizers, development of methods for determining ice particle size distribution, 7087  
*see also* Sea water.  
Desalting of sea water, *see* Sea water.  
Desertion (military):  
military deserters, treatment, report, 6765, 6776  
Design manual DM series, 7367  
Designs (aircraft):  
composite research aircraft—  
hot cycle rotor/wing, 6450  
tilt prop-rotor, 6451  
light aircraft, design concepts, 7220  
turboalternator, description, 7230  
Designs (Industrial):  
star tracker, boresighted, multipurpose design and development, 7225



# INDEX

- Designs (industrial)—Continued  
welded-joint designs, armored-tank type, military standard, 6535
- Desolation Wilderness in California, designate as wilderness area, proposal, report, 6767
- De Stefano, Giuseppe, relief, 6630
- Detectors:  
lithium-drifted silicon as low-energy photon spectrometers, 7258  
misalignment detector for axial loading fatigue machines, 7328
- Detergents, see Cleaning compounds.
- Detroit, Mich.:  
and vicinity before 1900, annotated list of maps, 7192  
communication skills center project, elementary-secondary program in compensatory education, 6877
- Develkis, William D., effects of cone angle, base flare angle, and corner radius on Mach 3.0 aerodynamic characteristics of large-angle cones, 7254
- Development, see Underdeveloped areas.
- Development assistance, see Foreign aid.
- Devices, binder device releasably engaging aperture or notch of sheet, classification definitions, 7394
- Diabetes, diabetic diets, answers to questions that are often asked, 7413
- Dialysis, symposium for nurses, 7415
- Diatoms, factors for phytoplankton blooms and effects on dissolved oxygen in Duwamish River estuary, Seattle, Wash., 7061
- Diener, R. G., relation of frequency and length of shaker stroke to mechanical harvesting of apples, 6355
- Diet:  
diabetic diets, answers to questions that are often asked, 7413  
food intake and nutritive value of diets of men, women, and children in United States, spring 1965, preliminary report, 6358
- Differential equations, see Equations.
- Diffraction, unsteady surfaces and internal waves, USSR, study, 7148
- Digesta, see subjects.
- Digital computers, see Electronic computers.
- Dimethylsiloxane, monomolecular films of polydimethylsiloxanes on organic liquids, 7384
- Dingfelder, Adele G., chronic conditions causing activity limitation, United States, 7433
- Dioryctria amatella, see Moths.
- Diplomacy, see International relations.
- Diplomatic relations, see International relations.
- Directories:  
airport, airman's information manual, 6925  
Army museums, 7202  
Congress of United States, 91st Congress, 1st sess., 6555  
industry wage and union scale studies, 7185  
labor organizations—  
Korea, Republic, 7187  
Malaysia, 7186  
personnel responsible for radiological health programs, 7416  
recreation areas, Federal, requiring entrance and user fees, 7393
- Disability evaluation, under social security, handbook for physicians, 7464
- Disability insurance, your social security, 7462
- Disabled:  
aid to disabled people, public assistance program, 6465  
chronic conditions causing activity limitation, U.S., July 1963-1965, statistics, 7433  
disability, epidemiological factors, 7458
- Disabled—Continued  
social security survey, reports, 7458  
workers, termination experience of benefits under OASDI, 7457
- Disabled American Veterans, legislative recommendations, 1969, hearings, 6731
- Disadvantaged, programs for the disadvantaged, Education Office, 6886
- Disasters:  
educational assistance in major disaster areas, elementary and secondary education act amendments of 1969—  
hearings, 6709  
report, 6695  
emergency area designations, policies and procedures for recommending by Farmers Home Administration, GAO report, 7033  
Federal disaster act, activities, report, 6584
- Disbursements, House of Representatives, detailed statement, 6718
- Discrimination in employment:  
employment of mature women, how you can help reduce barriers, 7563  
Federal aid highway act of 1968, equal employment opportunity provision, implementation—  
hearings, 6799  
report, 6736
- Diseases:  
chronic, conditions causing activity limitation, U.S., July 1963-June 1965, statistics, 7433  
illness among Indians and Alaska natives, 7420
- Diseases of plants, tree diseases of eastern forests and farm woodlands, 6376
- Dishwashing, compound, machine, Federal standard, cancellation, 6981
- Displays, see Exhibits.
- Distances:  
elevations and distances in United States, 7049  
interelectrode, influence on stability of straight pinch in quadrupole high-frequency field, 6466
- Distribution (economics):  
production problems, USSR study, 7144
- District Courts, and magistrates, proposed rules of evidence, preliminary draft, 6352
- District of Columbia:  
City Council members, nominations of Gilbert Hahn, jr., Sterling Tucker, and Jerry A. Moore, jr., 6737  
consumer protection program, Federal Trade Commission report, 6984  
crime and criminal procedure bill, suggestions of President's Commission on Crime, implementation, committee print, 6780  
government, origin and form, 6782  
infant education research project, pre-school program in compensatory education, 6892  
postal map, 7402
- District of Columbia Committee, House, investigations and studies, expenses, report, 6673
- District of Columbia Committee, Senate:  
committee print, 6780  
general information, 6782  
hearings, 6781  
report, 6737
- District of Columbia Crime Commission, see President's Commission on Crime in District of Columbia.
- Diving, scuba diving, USSR manual, 7160
- Division of Nursing, FHS, selected publications, list, 7342
- Divorce, vital statistics of U.S., 7434
- Doctors, see Physicians.
- Documents Office, see Public Documents Division.
- DoD, see Defense Department.
- Dooley, Henry E., relief, 6595



Dorman, K. Robert, five-piece concrete sets for small mine openings, progress report, 7219  
 Douglas fir, *see* Fir.  
 Down, *see* Feathers.  
 Drag (aerodynamics):  
     determining total drag of pointed body of revolution in supersonic flow with turbulent boundary layer method, 7253  
     supersonic nacelle-wing interference, numerical method for evaluation and utilization, 7259  
 Drainage, *see* Mine drainage.  
 Drama, self-directive dramatization project, Jollet, Ill., elementary program in compensatory education, 6875  
 Drilling, *see* Core drilling.  
 Drills (tools):  
     rotary coring of Appalachian area oil-producing formations with mud or air, 7212  
 Drinking places, industry, manpower survey, 6904  
 Droughts, 1962-66 drought on Long Island, N.Y., hydrologic effects, 7062  
 Drugs:  
     and narcotics, publications list, 7411  
     food, drug, and cosmetic act, as amended, text, 6904  
     *see also* names of drugs.—Tranquilizing drugs.  
 DSA, *see* Defense Supply Agency.  
 DSASC, *see* Defense Supply Agency Administrative Support Center.  
 Duke, Noriko K., relief, 6747  
 Duncan, Basil R., relief, 6608  
 Duncan Reservoir, special operating program for Canadian storage, Columbia River Basin, agreement, 7523  
 Durda, Adela, *see* Kaczmarek, Adela.  
 Dust, superconductive dust cores for inductive elements, 7295  
 Dustin, Miles O., design and performance of 2 integrated circuits for fluidic-controlled pneumatic stepping-motor system, 7301  
 Duties, *see* Tariff.  
 Duwamish River estuary, Seattle, Wash., factors for phytoplankton blooms and effects on dissolved oxygen in, 7061  
 Dyads, relation between effectiveness ratings and selected characteristics of ratings dyads, 6402  
 Dyer, Lionel R., speech, Oct. 3, 1968, 6997  
 Dynamics:  
     analysis of permanent magnet stepping motors, 7271  
     gaseous flow system, measured effects on acoustic mode combustion instability, 7265  
     resonant mode analysis of the Fitzgerald apparatus, 7277

**E**

Eagles, bald eagle, general information, 7468  
 Earnings, *see* Wages.  
 Earth:  
     orbital missions, effects of cloud cover on selection of recovery sites, 7288  
     resources, cooperative research in remote sensing for earth surveys, agreement with Mexico, 7497  
 Earth sciences, *see* Science.  
 Earthquakes:  
     Alaska, 1964, Prince William Sound, aftershocks, research studies and interpretive results, geodesy and photogrammetry, 6528  
     investigation, in U.S., 6529  
     United States, 6533  
 East (U.S.):  
     fresh fruit and vegetable unloads in eastern cities, by commodities, States, etc., 6807  
 East Asia, *see* Asia.  
 East Germany, *see* Germany.  
 Eastern States *see* East (U.S.).

Eastern Utilization Research and Development Division, publications and patents, list, 6364  
 Eating places *see* Restaurants, lunch rooms, etc.  
 Eaves, Elsie, how many costs of housing fit together, 7406  
 Echo sounders, used in measuring distribution of reservoir fishes, 7475  
 Echo sounding, precise echo soundings in deep water, 6912  
 Eclogites, partially melted kyanite eclogite from Roberts Victor Mine, South Africa, 7454  
 Economic conditions:  
     Bermuda Islands, basic data, 6540  
     domestic economy (remarks), 7552  
     foreign economic trends and their implications for United States, ET series, 7101-16  
     influence on children, research programs, studies in progress, 6511  
     report of the President to Congress—hearings, 6565  
     report, 6700  
     *see also* names of countries, States, etc.  
 Economic development:  
     districts, map, 6845  
     Latin American economic integration, implications for U.S. business, 6543  
 Economic Joint Committee:  
     committee print, 6566  
     hearings, 6565, 6567-68, 6700  
 Economic Opportunity Office:  
     community action program—parent and child centers, guide for development, 6849  
     special technical assistance program, STAP 1967-68, 1st year evaluation, 6853  
     healthright programs, 6851  
     OEO public information center, invitation to visit, 6847  
     pamphlets, 6846-53  
 Economic Research Service:  
     agricultural economic reports, 6855-56  
     ERS-foreign series, 6857-61  
 Economics, economic systems, problems of control, USSR study, 7152  
 Education:  
     career development program, research and education in medicine, 7556  
     children, research programs, studies in progress, 6511  
     compensatory, program, 6868-78, 6899-6901  
         preschool, 6889-94  
     early childhood education, selected references in field, 6854  
     educational statistics to 1977-78, projections, 6896  
     evaluation is a full-time job, 6879  
     handicapped children, new and expanded programs, 6882  
     handicapped children's early education assistance act, policies and procedures, 6888  
     mercury, donation of surplus for educational and public health purposes, Health, Education, and Welfare Dept., GAO report, 7028  
     programs for the disadvantaged, Education Office, 6886  
     veterans educational assistance benefits for veterans with service since Jan. 31, 1955, summary, 7557  
     visually handicapped child, home and school programs, developments and trends, 6903  
     *see also* Colleges and universities—Schools—Vocational education.  
 Education and Labor Committee, House:  
     hearings, 6709  
     investigations and studies, authorization, report, 6653  
     reports, 6655, 6684, 6686, 6695

# INDEX

Education Association, National, *see* National Education Association.  
 Education Office:  
   programs for the disadvantaged, 6886  
   publications, list, 6885  
 Educational institutions, *see* Colleges and universities.  
 Eggs, grading and processing plant for high-volume production, 6384  
 Eisenhower, H. P., index of surface-water records to Sept. 30, 1967, lower Mississippi River basin, 7048  
 Elastic constants, *see* Elasticity.  
 Elastic materials, *see* Elasticity.  
 Elasticity:  
   continuum theory for elastic solid with elastic micro-inclusions, 7241  
   micromorphic material constants from properties of constituents, how to determine, 7240  
   transformations of elastic constants for anisotropic media by successive simple rotations, 7214  
   viscoelastic strip, stable crack propagation, 7227  
 Elections:  
   electoral college reform—  
     amend Constitution, hearings, 6722  
     message from the President, 6577  
   President and Vice President, amend Constitution relating to electoral college, hearings, 6722  
   Electoral college, *see* Elections.  
 Electric apparatus and appliances, electrical appliances, and electrical apparatus, trade and tariff information, summaries, 7541  
 Electric cables, lateral cable oscillations of cable-connected space stations, 7279  
 Electric energy, *see* Electricity.  
 Electric generators, digital-computer design analysis program for homopolar inductor alternators, description and evaluation, 7261  
   *see also* Electric power plants.  
 Electric power, *see* Electricity.  
 Electric power plants, capacity of electric generating plants, world power data, 6947  
 Electric probes, theory of circular planar (guardring) Langmuir probe, 6914  
 Electric resistance, of hyperstochiometric zirconium carbide materials to 2,000° C, 6475  
 Electrical, *see* headings beginning Electric.  
 Electrical equipment, *see* Electric apparatus and appliances.  
 Electricity:  
   capacity of electric generating plants and production of electric energy, world power data, 6947  
   rural electrification act, amend—  
     hearings, 6702  
     report, 6688  
 Electrochemistry, electrochemically controlled ion-exchange desalination transport processes, 7088  
 Electrodeposition, preparation of tungsten carbide, 7217  
 Electrodes, influence of interelectrode distance on stability of straight pinch in quadrupole high-frequency field, 6466  
 Electromagnetic accelerators, *see* Accelerators.  
 Electromagnetism, electromagnetic interference characteristics requirements for equipment, military standard, change, 6839  
 Electron accelerators, *see* Accelerators.  
 Electronic computers:  
   computer program, helicopter rotor noise, description, 6454  
   computer programing of aerospace rations, 6418  
   digital—  
     computer system for signal analysis, 7385

Electronic computers—Continued  
 digital—continued  
   design-analysis program for homopolar inductor alternators, description and evaluation, 7261  
 Electronic data processing systems:  
   computer processing of statistical information, some problems, USSR study, 7150  
   Federal information processing standards publications, FIPS, pubs, 7820  
   Fortran programs, analysis of ellipsometer measurements, 7327  
   Fortran II programs, univariate and bivariate analysis of morphometric data, 7353  
   hand-printed input for on-line systems, 7228  
   highway planning, coordinated data system for, 7436  
 Electronic equipment:  
   components and assemblies, control over repairs, Navy Dept., GAO review, 7027  
   shipboard, maintainability design criteria handbook for designers, 7390  
 Electronic switches, parameters affecting firing time of simultaneously triggered trigger spark gap switches, 7263  
 Electronics, *see* Electronic equipment.  
 Electrons, satellite ion-electron collector, experimental effects of grid transparency, photoemission, and secondary emission, 6913  
 Electrophoresis, gel, estimation of serum proteins by quantitative densitometry, 6421  
 Elementary education:  
   compensatory program, 6869-78  
   elementary and secondary education act amendments of 1969—  
     hearings, 6709  
     report, 6695  
     title 2, annual report, 6866  
 Elevations, *see* Altitude.  
 Elgin, A. F., and wife, relief, 6606  
 Ellender, Allen J., review of United States foreign policy and operations, 6734  
 Ellipsometers, measurements, fortan program for analysis, 7327  
 El Salvador, records of Dept. of State, pamphlet accompanying microscopy, political relations, 1910-29, with U.S. and with other states, 7318  
 Embolism, extra-alveolar air resulting from submarine escape training, post-training roentgenographic survey of 170 submariners, 7198  
 Emergencies, *see* Disasters.  
 Emission:  
   aircraft engine exhaust emissions, nature and control, HEW report, print as Senate document, report, 6756  
   line emission sources for concentration measurements and photochemistry, 7325  
   *see also* Photoelectric emission.  
 Employees, numbers and characteristics in institutions of higher education, 6884  
 Employers, records kept under Fair labor standards act, 7561  
 Employers' liability and workmen's compensation, Federal employees' compensation act, how to help injured employee, supervisors handbook, 7083  
 Employment:  
   challenge from Nixon Administration (address), 7162  
   data and expenditures for criminal justice activities of large governmental units, 1966-67, 6507  
   job in neighborhood health centers, Federal programs which may support training of neighborhood residents, 6850  
   summer, '68, 7407  
   underground in mines, minimum age, International Labor Organization convention, 6574

Employment—Continued  
veterans, employment benefits and opportunities for Vietnam era veterans summary, 7358  
*see also* Discrimination in employment.  
Employment Security Bureau, appropriations, 1969, supplemental law, 6562  
Employment taxes, IRS loose leaf regulations system, 7095  
Energy, expenditure, change of indices of human subject during weightlessness, USSR study, 7139  
Engineering, cold regions science and engineering, 6431  
*see also* Mining engineering.  
Engineers:  
career opportunities, Rural Electrification Administration, 7443  
engineers and related professions examination announcement, revised, 6521  
so you're a scientist or engineer now, career opportunities in Air Force, 6422  
Engines (aircraft):  
exhaust emissions, nature and control, HEW report, print as Senate document, report, 6756  
*see also* Turbines.  
Enrollment, *see* Colleges and universities.  
Entropies, transport of ions in aqueous saline systems, 7089  
Environment:  
controlled, environmental radiolodine tests at National Reactor Testing Station, 1967 progress report, 6468  
environmental quality (series), 7061  
operational, certificate judgements, 6448  
organochlorine pesticides in, 7473  
quality of environment vital to all, California forestry report, 7003  
*see also* Life support systems.  
Environmental engineering, glossary of environmental terms (terrestrial), military standard, 6843  
Environmental health, *see* Health.  
Environmental Science Services Administration:  
technical memorandums, 6911  
technical reports, 6912-21  
Epidemiology:  
epidemiological factors in disability, 7458  
sheep and cattle scabies, activities, report, 6362  
USSR studies, 7157  
Epoxy resins, *see* Resins.  
Equal employment opportunity, *see* Discrimination in employment.  
Equations:  
continuity-equation plasma, oscillation, possible applications, to pulsars and other periodic astrophysical phenomena, 7264  
Hodgkin-Huxley type system of differential equations, numerical treatment of thresholds and stationary values, boundedness theorems and other mathematical studies, 7226  
linear differential, with almost periodic coefficients, generalized averaging method, 7302  
ERL, *see* Essa Research Laboratories.  
ERS, *see* Economic Research Service.  
ESEA (elementary and secondary education act), *see* Elementary education—Secondary education.  
ESSA, *see* Environmental Science Services Administration.  
ESSA 3 (meteorological satellite), *see* Satellites.  
ESSA 5 (meteorological satellite), *see* Satellites.  
ESSA Research Laboratories:  
ESSA technical memorandum ERLTM-NSSL series, 6911  
ESSA technical report—  
ERL-AL series, 6913-14  
ERL-ITS series, 6915-16

ESSA Research Laboratories—Continued  
ESSA technical report—Continued  
ERL-POL series, 6917  
ERL-SDL series, 6918-19  
Ethers, polyphen, and superrefined mineral oils, lubrication with, in 600° F (316° C) inerted vane pump loop, 7273  
Euler's transformations, *see* Transformations (mathematics).  
Europe:  
Atlantic consultation, President Nixon in Europe, 7482  
Eastern, agricultural situation in Communist areas, 6859  
European and British Commonwealth series, 7482  
postal services of U.S. Armed Forces on-site inspection report, 6657  
Western, agricultural situation, 1968 review and 1969 outlook, 6858  
Evaluation is a full-time job, 6879  
Evans, S., transport processes in electrochemically controlled ion-exchange desalination, 7088  
Evaporation, rapid vacuum evaporation system, 6361  
Evidence, proposed rules for United States District Courts and magistrates, preliminary draft, 6352  
Examinations, *see* Civil service.  
Excess property, *see* Surplus property.  
Exchanges, State-Defense Officer Exchange Program, analysis and assessment, committee print, 6788  
Excise taxes, IRS looseleaf regulations system, 7096  
Executive departments, *see* Government offices.  
Executive Papers, Joint Committee on Disposition of, report, 6643  
Exhibitions, overseas commercial exhibitions (remarks), 6546  
Exhibits, display catalog, civil defense, 6517  
Expenditures, criminal justice activities of large governmental units, 1966-67, 6507  
Experiments and experimentation, space resources for teachers of biology, suggestions for classroom and laboratory experiments, 7243  
Explorations, bottom trawl explorations, 1963-65, in Lake Superior, 6547  
Export-Import Bank of United States, President, nomination Henry Kearns, hearing, 6778  
Exports:  
barriers (address), 6538  
direct investments overseas, impact (speech), 6997  
international marketing, opportunities for newcomers (address), 7118  
Extraction (chemistry):  
recovery of salts from saline waters via solvent extraction, final report, 7086

F

F.C.C., *see* Federal Communications Commission.  
FAA, *see* Federal Aviation Administration.  
Fabrics, *see* Textiles.  
Faculty (schools):  
full-time medical school faculty, 1967 fiscal year, 7347  
Fair labor standards act, *see* Labor standards.  
Fairness doctrine, *see* Radio broadcasting—Telecasting.  
Fallout, *see* Radioactivity.  
Families:  
AFDC study, 1967, preliminary report from mail questionnaire, 7330  
aid to families with dependent children, cost standards for basic needs and percent of standards met, tabled, revised pages, 7334

# INDEX

## Families—Continued

research relating to children, studies in progress, 6511

social services in your State, 6510

Family planning, *see* Birth control.

Fandino, Angela Z., relief, 6619

Fans, *see* Mechanical fans.

Fansee, James F., remarks, Mar. 26, 1969, 6946

Fara, Teresina, relief, 6629

## Farm buildings:

building plans—

free-stall barn for 60 cows, 6388

free-stall system for dairy cows, 6390

loose-housing system (covered free stall) for 124 dairy cows, 6392

portable corral-transport, 6389

roadside market, 6391

self-feeder for cattle, 6387

Farm mortgages, *see* Mortgages.

Farm products, *see* Agricultural products.

Farmer Cooperative Service, information series, 6924

Farmers' bulletins, 6377-78

Farmers' cooperative organizations, farmer co-ops, what are they? 6924

## Farmers Home Administration:

emergency area designations, policies and procedures for recommending by Farmers Home Administration, GAO report, 7033

farm mortgage lending experience, 6863

## Farms:

farm poultry management, 6377

flooded, first aid, 6370

Fatzinger, Carl W., how to distinguish attacks by black turpentine beetle and *Dorycteria amatella* on southern pines, 7017

FCC, *see* Federal Communications Commission.

## Feathers:

feathers and miscellaneous articles of animal origin, trade and tariff information, summaries, 7540

filling materials, classification, identification, and testing, Federal standard, change, 6982

Federal agencies, *see* Government offices.

Federal aid, *see* Grants-in-aid.

## Federal Aviation Administration:

air traffic activity, report, 6926

contractions used in air traffic control, etc., handbook, change, 6423

Federal aviation regulations, 6928-38

handbook series, 6939

Federal careers for journeymen in printing crafts, 6522

Federal civil defense guide, 6514

## Federal Communications Commission:

annual report, 6942

fairness doctrine, legislative history, staff study, 6721

Federal Crop Insurance Corporation, audit reports, 6585, 7025

Federal employees, *see* Government officials and employees.

Federal employees' compensation act, *see* Employers' liability and workmen's compensation.

Federal Government, *see* Government.

Federal Highway Administration, Administrator, nomination of Francis C. Turner, hearing, 6800

Federal Home Loan Bank Board, Member, nomination of Preston Martin, hearing, 6778

Federal Home Loan Bank System, lending policy changes (address), 6944

## Federal Housing Administration:

FHA-insured multifamily housing projects, prevailing wage requirements on construction, labor standards, 7069

selection of purchasers of residential properties sold by, GAO review, 7036

## Federal item identification guides:

boxes and crates, 6832

caps, radiator and tank, 6833

insulation sleeving, electrical, 6834

insulators, electrical, 6835

Federal land banks, farm mortgage lending experience, 6863

Federal lands, *see* Public lands.

## Federal Maritime Commission:

role in shipping and shippers' problems (remarks), 6946

SP series, 6945-46

Federal Power Commission, career opportunities, 6948

Federal programs which may support training of neighborhood residents for jobs in neighborhood health centers, 6850

Federal property, *see* Public property.

Federal regulations, *see* Code of Federal regulations—also subjects.

Federal reserve banks, State member banks, list, 6977

## Federal reserve member banks:

income, 1967, statistical release, 6975

State member banks, lists, 6977

Federal reserve system, monetary policy guidelines and Federal reserve structure, compendium, 6706

Federal specifications, *see* Government supplies.

Federal standards, 6980-82

Federal Supplementary Medical Insurance Trust Fund, Board of Trustees, *see* Board of Trustees of Federal Supplementary Medical Insurance Trust Fund.

Federal supply classification handbook, 6823

Federal support to universities and colleges, 7362

Federal test method standard, 6983

## Federal Trade Commission:

District of Columbia consumer protection program, report, 6984

fight back, the ungentle art of self defense, 6985

guides against deceptive advertising of guarantees, 6987

Federal Water Pollution Control Administration, project register, distribution by river basin of projects approved, 6990

Feeders, self-feeder for cattle, farm building plan, 6387

Feedlots, beef cattle feedlots in California, Colorado, and western Corn Belt, characteristics, 6385

## Fees:

entrance, admission and user, Operation Golden Eagle, 1969, directory of Federal recreation areas, 7393

foreign countries for visa of United States passports, list 7433

Feldspar, separation from granite, 7215

Felt, performance of roofing made with Asplund felts, 7326

Ferroalloys, titanium and ferrous alloys, correlation of two fracture toughness tests, 7380

## Fertilizers:

nitrogen, and alfalfa, influence on pasture productivity of crested wheatgrass, 6401

supply, 6365

FG series, 6515

Fiberboard boxes, *see* Boxes.

## Fibers:

fiber-reinforced composite facings, sandwich conical shells with, vibration evaluation, 6456

fiber-reinforced plastic laminates under uniaxial, biaxial, and shear loadings, behavior, 6457

oblique loading of undirectional fiber composites, shear loading, 6455

Field manuals, *see* names of departments, etc., issuing field manuals.

Fight back, the ungentle art of self defense, 6985

FIIG, *see* Federal item identification guide.

**Filaments:**

boron-epoxy and glass-epoxy filament-wound cylinders, mechanical behavior, under various loads, 7256  
void content in glass-filament-wound composites, nondestructive testing, 7382

**Films (coatings):**

wettability of fluorocarbon and chlorocarbon trialkoxysilane films adsorbed on glass and metal surface, 7388  
*see also* Monomolecular films.

Filters and filtration, laminar and turbulent hyperfiltration systems, mass transfer, 7085

**Finance:**

AM-FM broadcast financial data, 6941  
civil service retirement financing, amend U.S. Code, hearings, 6727  
code of Federal regulations, 6962  
financial management systems series, 6503  
financial statements—

Commodity Credit Corporation, 1968.  
GAO examination, 6583, 7029

Saint Lawrence Seaway Development Corporation, GAO audit, 6587, 7026  
Tennessee Valley Authority, GAO examination, 7030

forest fire control, cooperative financing, 7000

housing production and finance, 6974  
public school programs, States and outlying areas, 6897

**Finance Committee, Senate:**

hearing, 6783

report, 6760

**Financial statements, *see* Finance.**

Fingerprints, single fingerprint identification system, semi-automated, 7329

Fir, Douglas, seedlings, survival and growth, effects of protection from deer, 7010

**Fires:**

glovebox window materials, glovebox fire safety application, 6474

suppression fires to control wildfires in Southeast, guidelines, 7018

*see also* Forest Fires.

First aid, flooded homes and farms, 6370

**Fish and fisheries:**

echosounder used in measuring distribution of reservoir fish, 7475

fish monitoring investigations, Browns Ferry Nuclear Plant, Wheeler Reservoir, Ala., 7544

fishery leaflets, 6548-50

hatchery fish, needs, national survey, 7471

king crab fisheries, agreement with Union of Soviet Socialist Republics, 7516

Lewis and Clark Lake, fish sampling and estimation of relative abundance, 7475

northeastern Pacific Ocean—

fisheries off U.S. Coast, agreement with USSR, amend and extend, 7517

fishing operations, agreement with USSR, 7518

rare and endangered fish of U.S., list, 7470

salmon and steelhead trout of Columbia River, recent advances in artificial culture, 6550

special scientific reports, fisheries series, 6551

Fish culture, *see* Fish and fisheries.

Fish meal, Peru's fishmeal industry, 6996

Fisheries, *see* Fish and fisheries.

Fishing, *see* Fish and fisheries.

Fishing vessels, fishing boat builders, partial list, 6548

Fishmeal, *see* Fish meal.

Fitzgerald apparatus:

mathematical analysis, 7286

resonant mode analysis, 7277

Flame cutting, *see* Metal cutting.

Flare angles measured with ball gage, 7248

Fleet Marine Force manual FMFM series, 7194

Fletcher, John G., further physiologic research on human tumbling, 6417

Flexibility, bottom-structure, effects on water landing loads of Apollo spacecraft models, 7280

**Flight:**

inspection manual, change, 6940

rules, Federal aviation regulations, 6931

change, 6932

services, handbook, 6424

change, 6425

Flight simulation, *see* Simulation.

Fliginger, C. John, supplying U.S. markets with fresh winter produce, 6856

Filint, Mich., home and school program, elementary program in compensatory education, 6874

Floods, homes and farms, first aid, 6370

Florida, phosphate operation, waste disposal costs, 7207

Fluorides, phase diagram for KF-YF<sub>3</sub> system, 7216

*see also* Graphite fluoride.

Fluorine, mica, 7203

Fluorocarbons, wettability of fluorocarbon and chlorocarbon trialkoxysilane films, adsorbed on glass and metal surface, 7388

**Flow:**

axial-flow pump in 1500° (1089K) liquid sodium performance and cavitation damage, 7296

flow field resulting from forward-facing nozzles exhausting near large cylindrical body at free-stream Mach numbers of 3.0 and 6.0, exploratory investigation, 7252

gaseous flow system dynamics, measured effects on acoustic-mode combustion instability, 7265

mass transfer in laminar and turbulent hyperfiltration systems, 7085

rate effect, on dynamic contact angle for wetting liquids, 7285

supersonic stream of binary gas in laval nozzle, obtaining population inversion of molecules, USSR study, 7123

supersonic, with turbulent boundary layer, method for determining total drag of pointed body of revolution in, 7253

viscous, in short cylindrical vortex chamber with finite swirl ratio, 7293

wind tunnel tests of thin airfoils oscillating near stall, summary and evaluation, 6459

Flowers, production and sales, etc., 7529

FMC SP series, 6945-46

FMSS series, 6503

Foam, low-density, for insulating liquid-hydrogen tanks, 7284

Fog signals, Pacific Ocean, western, etc., 7373

Foliage, *see* Leaves.

Fomes annosus, Annosus root rot, Allegheny National Forest, detection survey, 7004

**Food:**

buying, how to use USDA grades, 6394

emergency food and medical services, OEO, 6852

food, drug, and cosmetic act as amended, text, 6994

intake and nutritive value of diets of men, women, and children in United States, spring 1965, preliminary report, 6358

pesticides, residues in food, analytical manual, errata, 6995

USDA standards, list, 6373

*see also* Menus for space flights—School lunches.

Food, drug, and cosmetic act, *see* Cosmetics—Drugs—Food.

Food stamps to end hunger, 6398

Force and energy, hydro-thermal power, 10-year program for Pacific Northwest, 6483

Ford, Henry, 12-cent commemorative postage stamp, dedication (address), 7395



# INDEX

## Forecasts:

forecasting and modeling of future, science, technology, etc., USSR study, 7147  
short-term radio propagation forecasts in southeast Asia, 6915

Foreign Affairs Committee, House: committee prints, 6712-13  
investigations and studies, foreign policy of U.S.—

authorization report, 6649

expenses, report, 6679

reports, 6658, 6699

Foreign Affairs Research Documentation Center, special papers available, 7484

Foreign Agricultural Service, miscellaneous, FAS-M series, 6996

Foreign agricultural trade, *see* Agricultural products.

## Foreign aid:

development assistance in new Administration, report, 7121

Foreign assistance act of 1961, development of cooperative enterprises, 1967, report, 6708

foreign assistance programs, authorizations and appropriations, 1968-69, staff memorandum, 6712

linking reserve creation and development assistance, staff study, 6666

technical cooperation, agreement with Afghanistan, 7510

*see also* names of countries.

Foreign assistance, *see* Foreign aid—Foreign assistance programs.

Foreign assistance programs, authorizations and appropriations, 1969, staff memorandum, 6713

## Foreign countries:

background notes, 7476-81

fees charged for visa of United States passports, list, 7483

foreign economic trends and their implications for United States, ET series, 7101-16

geologic features in areas outside the United States, descriptive catalog of selected aerial photographs, 7052

holidays around world listed, commercial guide, 7100

technical information activities (talk), 7446

Foreign policy, *see* International relations.

Foreign relations, *see* International relations.

Foreign Service Institute, basic course, Serbo-Croatian, 7490

Foreign trade, *see* Commerce—*also* names or classes of commodities.

Forest fires, cooperative forest fire control expenditures by source of funds, preliminary data, 7000

*see also* Fires.

Forest products, industries, SBA services, 7449

Forest Products Laboratory, dividends from wood research, publications, list, 7001

## Forest Service:

poster, how a tree grows, 7002

range and wildlife habitat publications, 7007

research notes, 7008-18

research papers, 7010-21

Forest thinning, loblolly pine of eastern Maryland, ten-year effects from row thinning, 7008

## Forests and forestry:

eastern forests and farm woodlands, tree diseases, 6875

forest taxation and rural values in New York, 6999

industry manpower training in Tennessee Valley region, 7545

Northeastern area State and private forestry series, 7004-8

outdoor recreation, catalog of research projects and studies, 6819

research notes, 7008-18

## Forests and forestry—Continued

research papers, 7010-21

your water supply and forests, 6376

*see also* National forests—Trees—Volume and yield tables.

## Forms, blanks, etc.:

A.T.A. carnet for temporary admission of goods, customs convention, 7513

E.C.S. carnets for commercial samples, customs convention, 7514

GSA forms catalog, 7038

*see also* names of departments, etc. issuing or using forms—*also* subjects.

Fort Worth, Tex., area wage survey, 7180

FORTTRAN, *see* Electronic data processing systems.

Foster, John F., systems approach to evaluating Hydrogenomonas cultures, 7232

Foundries, iron and steel, current industrial reports, 6497

Fourier analysis, by method of selected ordinates, 7267

Fox, John L., selected readings in techniques of stereotaxic neurosurgery, 7554

## Fracture of metals:

fracture toughness tests for titanium and ferrous alloys, correlation, 7380

low-cycle crack growth in 2014-T6 aluminum sheet at -320° F (77K), factors influencing, 7298

stable crack propagation in viscoelastic strip, 7227

titanium alloys, fracture toughness characterization, etc., to failure-safe design structural procedures, 7383

Frasca, Maria B., relief, 6618

Free-stall system for dairy cows, 6390

Freed, C. N., correlation of two fracture toughness tests for titanium and ferrous alloys, 7380

Freezing, freeze desalination crystallizers, development of methods for determining ice particle size distribution, 7087

Fresno, Calif., preschool program in compensatory education, 6894

Frost, A., high-performance turboalternator and associated hardware, design of gas bearings, 7231

## Fruit:

effects of vent holes on strength of fiberboard boxes and fruit cooling rate, 6357

fresh, unloads—

eastern cities, by commodities, States, etc., 6807

midwestern cities, by commodities, States, etc., 6809

southern cities by commodities, States, etc., 6810

western cities, by commodities, States, etc., 6808

how to use USDA grades in buying, 6394

noncitrus, production, use, value, 1966-67, by States, 7530

## Fruits, *see* Fruit.

Frustums, blunted-cone cone-frustum reentry configuration at Mach 10, laminar heat-transfer distributions, 7299

Fuel, cylindrical reactor fuel pin for clad stress caused by fission gases, analysis, 7306

## Fuel oil:

bunker oil and coal laden in United States on vessels engaged in foreign trade, 6508

liquid fueling and dispensing facilities, design manual, 7367

Fuller, Josefa P. A., relief, 6614

Fullerton, Howard N., analysis of work stoppages, 1967, 7175

Funds, Federal, day care projects, 7562

*see also* subjects for which funds are used.

Fungi, *see* names of fungi or fungous diseases.

Fusare, Robert L., preliminary investigation of graphite fluoride as solid lubricant, 7274



G

Gages, ball gage to measure flare angles, 7248  
 Gallaway, Lowell E., geographic labor mobility in United States, 1957-60, 7459  
 Games, use of games of chance in gasoline marketing and their impact upon small business, report, 6646  
 GAO, *see* General Accounting Office.  
 Gardens:  
   ants in the garden, how to control, 6379  
   home and garden bulletins, 6379-81  
 Gas:  
   binary, obtaining population inversion of molecules in supersonic stream in laval nozzle, USSR study, 7128  
   exchange, change of indices of human subject during weightlessness, USSR study, 7139  
   line emission sources for concentration measurements and photochemistry, 7325  
 Gas bearings, *see* Bearings (machinery).  
 Gas indicators, combustible, wheatstone bridge type, operation and interpretation of readings, 7167  
 Gas pipe lines, *see* Pipe lines.  
 Gas turbines, *see* Turbines.  
 Gases:  
   fission, cause of clad stress, analysis of cylindrical reactor fuel pin for, 7306  
   *see also* Plasma.  
 Gasoline, marketing, use of games of chance and their impact upon small business, report, 6646  
 Gedeon, Louis, analysis of cylindrical reactor fuel pin for clad stress caused by fission gases, 7306  
 Gels, estimation of serum proteins by quantitative densitometry after gel electrophoresis, 6421  
 General Accounting Office:  
   policy and procedures manual for guidance of Federal agencies, 7022-23  
   review of boards of contract appeals decisions, opinion of Attorney General, 7161  
   transportation manual for guidance of Federal agencies, transmittal sheets, 7022-23  
 General Services Administration:  
   Administrator, nomination of Robert L. Kunzig, hearing, 6785  
   excess property, opportunity for savings by increasing transfers among Federal agencies, GAO report, 7032  
   forms catalog, 7038  
 Generators, *see* names or types of generators.  
 Geodesy:  
   Alaska research studies and interpretive results, 6528  
   space geodesy altimetry study, 7234  
 Geographic labor mobility in United States, 7459  
 Geohydrology, *see* Hydrogeology.  
 Geological Survey:  
   bulletins, 7041-47  
   circulars, 7048  
   professional papers, 7050-57  
   research 1969, chap. B., 7057  
   stratigraphic nomenclature, changes, 7047  
   water supply papers, 7058-64  
 Geology:  
   Basin and Range province, trend-surface analysis and some geomorphic implications, 7051  
   contributions to economic geology (series), 7041, 7056  
   geologic features in areas outside the United States, descriptive catalog of selected aerial photographs, 7052  
   Geological Survey research, 1969, chap. B., 7057  
   San Cristóbal district, Villa Martin Province, Potosí, Bolivia, 7042

Geology—Continued

theoretical papers in hydrologic and geomorphic sciences (series), 7051  
 water resources of windward Oahu, Hawaii, 7064  
 west-central part of Southern Anthracite field and adjoining areas, Pennsylvania, 7045  
*see also* Chinle formation—Pennsylvanian period.  
 Geometry, plug and shroud variables, effect on plug-nozzle performance at transonic speeds, 7275  
 Geomorphology, *see* Geology.  
 Geophysics:  
   International geophysical calendars, 1957-69, solar and geophysical information, 6923  
   upper atmosphere geophysics, report UAG series, 6923  
 Geopotential, atmosphere's geopotential height distribution from satellite radiation measurements, statistical estimation, 6921  
 Georgiades, Demetroula, relief, 6622  
 Germany:  
   *East, see below, Soviet zone.*  
   Soviet Zone, general and municipal hygiene, 1966-67, as reflected in East German journal of hygiene, 7125  
 Geronimo (U.S.S.):  
   transfer to China, agreement, 7505  
 Geymayer, H. G., use of epoxy and polyester resin concrete in tensile zone of composite concrete beams, 6910  
 Ghana:  
   agricultural commodities, agreement, 7503  
   agricultural economy in brief, 6557  
 Gill, William N., mass transfer in laminar and turbulent hyperfiltration systems, 7085  
 Gladiolus, production and sales, etc., 7529  
 Glass:  
   glass-epoxy filament-wound cylinders, mechanical behavior, under various loads, 7256  
   void content in glass-filament-wound composition, nondestructive testing, 7382  
 Glossaries:  
   environmental terms (terrestrial), military standard, 6843  
   technical terms of meat industry, 6816  
 Glove boxes, window materials, glovebox fire safety application, 6474  
 Glue:  
   glue-sniffing, big trouble in a tube, 7375  
   wastes disposal, plywood plant, progress report, 6985  
 Glue-sniffing, *see* Glue.  
 Gold:  
   leaching, experimental, from mine waste, 7220  
   recovering from graphitic schist from Talapoosa County, Ala., 7221  
   sample size and meaningful gold analysis, 7056  
   United States movements, 6509  
 Golden nematode, *see* Nematoid worms.  
 Gomes, Mario S., relief, 6613  
 Goode, R. J., fracture toughness characterization etc., to failure-safe design for structural titanium alloys, 7385  
 Goofballs, *see* Barbiturates.  
 Goose Bay, Newfoundland, defense, release of certain lands from leased areas, agreement with Canada, 7509  
 Gordon, McKenzie Jr., early Pennsylvanian ammonioids from southern Nevada, 7055  
 Government:  
   criminal justice expenditure and employment for large governmental, units, 1966-67, 6507  
   District of Columbia, origin and form, 6782  
   State and local government special studies, 6507  
   United States foreign credits, 7551

# INDEX

- Government agencies, pollution control, hearings, 6728
- Government Board of Contract Appeals, decisions, review by General Accounting Office and contracting agencies, opinion of Attorney General, 7161
- Government contracts:
  - code of Federal regulations, 6967-70
  - DoD Contract Management Conference, Contract Administration Services, recommendations, 6831
  - water pollution control research, development, etc., 1968 awards, list, 6993
- Government employees, *see* Government officials and employees.
- Government offices:
  - administrative practices and procedures, authorization, report, 6752
  - air pollution abatement by Federal facilities, report, print as Senate document, report, 6757
  - civilian employees, guide for shipping household goods, 7040
  - excess property, opportunity for savings by increasing transfers among Federal agencies, GAO report, 7032
  - executive, reorganization, title 5, United States Code, extend authority, hearing, 6714
  - Government organization manual, 1968 supplement, 6972
  - manpower, improved management, report, 6644
  - policies and procedures, General Accounting Office guidance manuals, 7022-23
  - records and papers, disposition, report, 6643
- Government officials and employees:
  - civilian, guide for shipping household goods, 7040
  - civilian personnel, technicians, Army National Guard, manning criteria, 7338
  - how to help injured employee, supervisor's handbook, 7083
  - per diem allowance, increase, reports, 6692, 6693
  - trades and crafts, equipment operation and repair, examination announcement, amendment, 6519
  - travel, maximum rate of per diem allowance, increase, hearing, 6715
- Government Operations Committee, House:
  - committee print, 6717
  - hearings, 6714-16
  - investigations and studies, authorization, report, 6682
  - reports, 6685, 6692, 6694
- Government Operations Committee, Senate:
  - activities, 90th Congress, report, 6753
  - committee prints, 6784, 6786-88
  - hearings, 6785, 6789
  - investigations and studies, Permanent Subcommittee operations, authorization, report, 6751
  - reports, 6754-55
- Government publications:
  - depository libraries, law governing, and list of libraries, 6733
  - price lists, Public Documents Division, PL series, 7409-10
  - see also* names of departments, etc., issuing publications—*also* subjects.
- Government reorganization plans, executive, title 5, United States Code, extend authority, hearing, 6714
- Government supplies:
  - Federal specifications, 6979
  - Federal standards, 6980-82
  - Federal supply classification handbook, groups and classes, 6823
  - Federal test method standard, 6983
  - mechanized supply and accounting procedures for office of United States property and fiscal officers (USPFO), 7339
- Government supplies—Continued
  - standard guides for preparation of proposed item logistics data records and proposed item identifications by Government suppliers, 6980
  - see also* Military supplies.
- Graham County, Ariz., geohydrology and water utilization, 7059
- Grain:
  - crop quality, 1968, inspected carlot, trucklot, and sample inspections, by kinds of grain, 6812
  - transit losses and boxcar defects, relationships, 6356
- Granite:
  - separation by using feldspar, quartz, and mica, 7215
  - strength and deformation properties at various loading rates, 6907
- Grants-in-aid:
  - airports, Federal aviation regulations, changes, 6935-37
  - disaster relief, status of funds, 6584
  - education, elementary and secondary, amendments of 1969 programs, extend—
    - hearings, 6709
    - report, 6695
  - Federal aid highway act of 1968, equal employment opportunity provision, implementation—
    - hearings, 6799
    - report, 6736
  - Federal support to universities and colleges, 1967 fiscal year, 7362
  - mental retardation, awarded by HEW, list, research and demonstration, 7066
  - outdoor recreation manual, 7392
  - paraplegic veterans housing program, modify eligibility requirements, report, 6764
  - public facility requirements over next decade, hearings, 6567
  - Public Health Service, research grants, index, 7346
  - regional medical libraries, information and policy statement, 7350
  - State/interstate solid waste planning grants and agencies, 7428-29
  - water pollution control—
    - research and development program, 6992
    - research, development, etc., 1968 awards, list, 6993
- Graphite fluoride, potential new solid lubricant, preliminary investigation, 7274
- Graphs, *see* Charts—*also* subjects.
- Gray, Lewis:
  - wind tunnel tests of thin airfoils oscillating near stall—
    - data report, 6460
    - summary and evaluation, 6459
- Great Britain:
  - ballistic missile early warning station at Fylingdales Moor, Yorkshire, agreement, 7501
  - European and British Commonwealth series, 7452
- Great Lakes, pilot, survey, 7190
- Great Lakes States, northern region, economic survey, statistical supplement, 6855
- Green, Barbara K., Latin American economic integration, implications for U.S. business, 6543
- Greenfield, Sidney H., performance of roofing made with Asplund felts, 7326
- Greenvale Cove formation, western Maine, 7044
- Grids, satellite ion-electron collector, experimental effects of grid transparency photoemission, and secondary emission, 6913
- Grim, Paul J., SEAMAP deep-sea channel, 6917
- Grinstead, Robert R., recovery of salts from saline waters via solvent extraction, final report, 7086

Groeneweg, John F., measured effects of gaseous flow system on acoustic-mode combustion instability, 7265  
 Groom, Phyllis, Americans volunteer, 7164  
 Gross national product, calendar year 1967, current market prices, 7122  
 Ground effect, airplane model with double-delta wing, including longitudinal and lateral characteristics and ground effects, large-scale tests, 7276  
 Ground water, *see* Water.  
 Groves, Ivor D., Jr., high-pressure piezoelectric ceramic transducer, USRD type F43, 7389  
 Growth:  
     characteristics of type E *Clostridium botulinum* in temperature range 34° F to 50° F, 6467  
     annual reports, 6471, 6473  
     children, research programs, studies in progress, 6511  
 Gruver, James E., test comparison between functional and volume concepts of delineating traffic corridors, 7435  
 GSA, *see* General Services Administration.  
 Guidance systems, advanced scanning beam guidance system for all weather landing, 7339  
 Guido, Pedro I., relief, 6602  
 Guilford Courthouse National Military Park, master plan, 7357  
 Gullof, Robert F., Jr., relationships between grain transit losses and boxcar defects, 6356  
 Guinea, agricultural commodities, agreement, 7520  
 Gulf Coast, light 11st, Little River, S.C. to Rio Grande, Tex., and Antilles, 6536  
 Guns, control act of 1968, questions and answers, 7098  
 Gut Dam, claims, settlement, agreement with Canada, 7506

## I

Haar, Charles M., remarks, Feb. 28, 1968, 7078  
 Haber, Lawrence D., epidemiological factors in disability, 7458  
 Habib, L. M., continuum theory for elastic solid with elastic micro-inclusions, 7241  
 Haener, Juan, oblique loading of unidirectional fiber composites, shear loading, 6455  
 Hahn, Gilbert, Jr., nomination, report, 6737  
 Hall-effect magnetometers, in scientific rocket payloads, 6919  
 Hallock, James N., Fourier analysis by method of selected ordinates, 7267  
 Hallucinations and illusions, spatial disorientation and illusions related to dynamics of vestibular system, 7239  
 Halothane, halothane anesthesia and post-operative hepatic necrosis, national study, 7344  
 Hamer, Harold A., effect of gravitational-model selection on accuracy of lunar orbit determination from short data arcs, 7278  
 Hamilton, Horace E., stress response as predictor of radiosensitivity in primates, 6419  
 Handbooks, *see* names of departments, etc., issuing handbooks, *also* subjects.  
 Handicapped:  
     children—  
         blind, etc., home and school programs, developments and trends, 6903  
         early education assistance act, policies and procedures, 6888  
         education, new and expanded programs, 6882  
         education, extend programs, elementary and secondary education act amendments of 1969—  
             hearings, 6709  
             report, 6695

Handle yourself with care, accident prevention for older Americans, 6353  
 Handy, W. C., 6-cent commemorative postage stamp (poster), 7397  
 Harbor craft, marine crewman's handbook, Army technical manual, change, 6445  
 Harbors, improvements, laws relating to, compilation, 6569  
 Hardware, standard interchange codes and media information interchange and related media standards, implementation of code, 7320  
 Hardwoods:  
     northern, reliability of tree-height measurements in stands, 7009  
     veneer, production opportunities in Tennessee Valley, 7546  
 Harris, Clarence, egg grading and processing plant for high-volume production, 6384  
 Hartford, Conn.:  
     elementary program in compensatory education—  
         intensive reading instructional teams, 6870  
     Project Concern, 6873  
 Harvesting machinery, apples, shaker stroke, relation of frequency and length to mechanical harvesting, 6355  
 Hasbrook, A. Howard, pilot response to peripheral vision cues during instrument flying tests, 6481  
 Hatcheries, *see* Fish and fisheries.  
 Hawaii, tide tables, high and low water predictions, 6532  
 Hawaiian Islands, *see* Hawaii.  
 Hayes, Wallace D., sonic boom propagation in stratified atmosphere with computer program, 7235  
 Head Start Project, *see* Project Head Start.  
 Health:  
     aerospace medicine, laser health hazards control, 6411  
     documents and committee reports, 7432  
     emergency food and medical services, OEO, 6852  
     environmental—  
         planning guide, 7417  
         sciences, 7343  
     public, mercury, donation of surplus for educational and health purposes, Health, Education, and Welfare Dept., GAO report, 7028  
     radiological health programs, directory of personnel responsible, 7416  
     services, and surveys, research relating to children, 6511  
     statistics—  
         data evaluation and methods research, 7431  
         data from national health survey, 7433  
         vital and health statistics, 1970 census plans, study group report of Public Health Conference on Records and Statistics, 7432  
 Health centers, neighborhood, Federal programs which may support training of neighborhood residents for jobs, 6850  
 Health, Education, and Welfare Department:  
     aircraft engine exhaust emissions, nature and control, report, print as Senate document, report, 6756  
     health programs, HEW oversight, hearing, 6719  
     health programs, jurisdiction, organization, and structure, hearing, 6719  
     mercury, donation of surplus for educational and public health purposes, GAO report, 7028  
     progress in prevention and control of air pollution report, print as Senate document, report, 6758  
     work experience and training project in Kent County, Mich., administration and effectiveness, GAO report, 7024

# INDEX

## Health insurance:

- medical insurance—
  - benefits under, important facts, 7461
  - under social security, handbook, 7463
  - your health insurance, 7460
  - your social security, 7462
- Hearn, George H., remarks, Mar. 27, 1969, 6945
- Heat:
  - and entropies of transport of ions in aqueous saline systems, 7089
  - electrical resistivity of hyperstoichiometric zirconium, carbide materials to 2,000° C, 6475
- Heat transfer:
  - compressible turbulent boundary layers, calculation, 7237
  - distributions for blunted-cone, cone-frustum reentry configuration at Mach 10, 7299
  - thermal conduction through evacuated idealized powder over temperature range of 100°–500° K, 7260
- Heaters, see Unit heaters.
- Heatherington, Donald F., remarks, Dec. 3, 1968, 6998
- Helmsira, Norman W., effects of silt turbidity on behavior of juvenile largemouth bass and green sunfish, 7475
- Helme, Irwin M., maritime subsidies, 7195
- Heinen, H. J., experimental leaching of gold from mine waste, 7220
- Helicopters:
  - composite research aircraft—
    - hot cycle rotor/wing, 6450
    - tilt prop-rotor, 6451
  - rotor noise—
    - computer program, description, 6454
    - studies, 6453
  - thin airfoils oscillating near stall, wind tunnel tests—
    - data, report, 6460
    - summary and evaluation, 6459
- Hellum:
  - bibliography, 7206
  - intelligibility of helium-speech as function of speech-to-noise ratio, 7200
- Helme, William H., factor analysis of situational leadership measure, speeded practical judgment test, 6449
- Hemisphere, Western, agricultural production excluding United States, revised 1959–67, preliminary, 1968, indices, 6861
- Hepatic functions, see Liver.
- Hepting, George H., tree diseases of eastern forests and farm woodlands, 6375
- Herrick, Allison B., area handbook for Uganda, 6438
- Herring, Harvey W., mechanical behavior of boron-epoxy and glass-epoxy filament-wound cylinders under various loads, 7256
- HEW, see Health, Education, and Welfare Department.
- HEW, oversight, 6719
- Hickel, Walter J.:
  - nomination, hearings, print additional copies, report, 6759
  - remarks, Apr. 2, 1969, 7091
- Hides and skins, see Leather, hides, and skins.
- High schools, see Junior high schools.
- Higher education, see Colleges and universities.
- Highway bridges, see Bridges.
- Highway safety, see Safety of life.
- Highways, see Roads and highways.
- Hill, Thomas E., Jr., separation of feldspar, quartz, and mica from granite, 7215
- Hill, Wilhelm, significance of physical training for pilots, 6415
- Hill-Burton program hospital and medical facilities series under Hill-Burton program, 7418–19
- Historic sites, publications, price list, 7409
- Ho Koon Chew, relief, 6739

- Hodge, Carlton T., Serbo-Croatian, basic course, 7490
- Hodgkin-Huxley equation, see Equations.
- Hofferber Truck Line, Inc., motor carrier accident report, 7223
- Hogs, see Swine.
- Hoh Chin, see Ho, Koon Chew.
- Holidays, around world listed, commercial guide, 7100
- Holidays and National Observances Commission, see National Observances and Holidays Commission.
- Holla Bend National Wildlife Refuge, general information, 7469
- Holloway, Paul F., effects of cloud cover on selection of recovery sites for future earth orbital missions, 7288
- Home economics, home and garden bulletins, 6379–81
- Homemaking, see Home economics.
- Homes:
  - ants in the home, how to control, 6379
  - fallout protection, home fallout shelter, outside concrete shelter, 6516
  - school and home program, Flint, Mich., elementary program in compensatory education, 6774
  - see also Houses.
- Homework helper program, New York City, 6878
- Homopolar generators, digital computer design-analysis program for homopolar inductor alternators, description and evaluation, 7261
- Honduras, background notes, 7479
- Honey, production, annual summary, 7531
- Honey bee, see Bees.
- Hops, stocks, 7534
- Hornbeck, Robert W., viscous flow in short cylindrical vortex chamber with finite swirlratio, 7293
- Horticulture, tropical and subtropical, handbook, 7128
- Horwath, Elisabetha, relief, 6626
- Hospitals:
  - fallout protection, 7419
  - hospital and medical facilities, Hill-Burton program—
    - general standards of construction and equipment, 7418
    - series, 7418–19
  - Indian health services, annual statistical review, 7420
  - medical research institutions named after medical men, 7351
  - Public Health Service, medical residencies and internships, 7422
- Hot cycle rotor/wing composite research aircraft, 6450
- Hottenroth, Marjorie J., relief, 6612
- Hours of labor, Fair labor standards act, overtime compensation, 7560
- House Administration Committee, House:
  - committee print, 6718
  - reports, 6667–80
- House documents, 6569–88
- House of Representatives:
  - disbursements, detailed statement, 6718
  - personnel, salaries, payment out of contingent fund, report, 6680
- House reports:
  - private bills, 6589–6642
  - public bills, 6643–6700
- Household goods, shipping, guide for civilian employees of U.S. Government, 7040
- Household workers, see Servants.
- Houses:
  - flooded homes, first aid, 6370
  - selection of purchasers of residential properties sold by Federal Housing Administration, GAO review, 7036
- Housing:
  - code of Federal regulations, 6956
  - government program success depends upon voluntary cooperation of private citizens and their organizations (address), 7068

**Housing—Continued**

- housing production and finance, 6974
- how many costs fit together, 7406
- minimum property standards for low cost, 7070
- multifamily housing projects, construction of FHA-insured, prevailing wage requirements, labor standards, 7069
- New Florence, case study for 1970 censuses of population and housing action-oriented census program—concepts, 6505
- initial decisions, 6504
- pretesting, 6506
- paraplegic veterans program, modify eligibility requirements, report, 6764
- Housing and Urban Development Department:
  - Assistant Secretary, nomination of Lawrence M. Cox, hearing, 6779
  - Community Development Office, what it is, what it does, 7077
  - HUD handbooks, 7069-75
  - IP series, 7076
  - MP series, 7077
- Hovering, VTOL aircraft in hover, model tests on jet-induced lift effects, 7233
- How to use USDA grades in buying food, 6394
- Howard County, Tex., soil survey report, 7466
- HUD, see Housing and Urban Development Department
- Human Factors Laboratory, reports, bibliography, 7378
- Humanities, National Endowment for the, see National Endowment for the Humanities
- Humboldt Range, Nev., Star Peak Group (Triassic) and overlying lower Mesozoic rocks, stratigraphy, 7053
- Hunger, food stamps to end hunger, 6398
- Hunting Creek:
  - VA, permit for landfill—hearing, 6716
  - report, 6694
- Hurley, William J., relief, 6592
- Huss, Ralph E.:
  - despatches from U.S. consuls in—Chihuahua, pamphlet, 7315
  - Tuxpan, Veracruz, pamphlet, 7316
  - records of Dept. of State relating to political relations between U.S. and El Salvador, and between El Salvador and other states, 7318
- Hydrodynamics, hydrodynamic theory of short-range weather forecasting, USSR study, 7131
- Hydrogen, liquid-hydrogen tanks, low-density foam for insulating, 7284
- Hydrogenomonas, cultures, systems approach to evaluating, 7232
- Hydrogeology, geohydrology and water utilization in Wilcox Basin, Graham and Cochise Counties, Ariz., 7059
- Hydrology:
  - contributions to hydrology—Asia and Oceania (series), 7058
  - United States (series), 7059, 7062
  - hydrologic effects of 1962-68 drought on Long Island, N.Y., 7062
  - hydrological conditions in Clear Lake, Tex., 6551
  - theoretical papers in hydrologic and geomorphic sciences (series), 7051
  - United States and Canada, 1964, bibliography, 7060
  - see also Water
- Hygiene, general and municipal hygiene, 1966-67, East Germany, 7125

**I**

IAEA, see International Atomic Energy Agency.

**Ice:**

- aircraft icing, forecasters' guide, 6412
- ice particle size distribution from freeze desalination crystallizers, development of methods for determining, 70087
- Ice breakers, polar, Coast Guard, authorization for procurement hearings, 6724
- Identification:
  - semi-automated single fingerprint identification system, 7329
  - standard guides for preparation of proposed item logistics data records and proposed item identifications by Government suppliers, 6980
- Ideology, United States ideological offensive in winning cold war, report, 6899
- Ike, Albert F., symptoms of nutrient deficiency in yellow-poplar seedlings, 7011
- Illness, see Diseases
- Illumination, see Lights and lighting
- Illusions, see Hallucinations and illusions
- ILO, see International Labor Organization
- Images:
  - rendezvous and station-keeping simulator with fly around capability and virtual-image viewing, 7290
  - resolution and image intensity of field-ion microscope, 7291
  - visual simulation image generation using flying-spot scanner, 7300
- Impact, full-scale dynamic landing, of prototype lunar module landing gear, investigation, 7251
- Imports, see names of countries, etc.
- Income:
  - consumer income—1967, families in United States, 6502
  - series, 6501-2
  - low income year-round workers with low earnings, 6501
  - tax returns, statistics, corporations, 70909
- Income tax:
  - IRS looseleaf system, 7093-94
  - returns, statistics, corporations, 7099
  - surcharge, extend, 6586
- Indexes:
  - agricultural production for Western Hemisphere, excluding United States, 6861
  - Civil Defense Office publications, 6518
  - commanders digest, 6824
  - congressional record 90th Cong., 1st sess., bound volume, 6554
  - Defense Supply Agency, Administrative Support Center publications, forms, etc., 6526
  - Index medicus,
  - nuclear science abstracts, cumulative report number, with public availability citations, 6477
  - REA publications, Rural Electrification Program, 7444
  - surface water records to Sept. 30, 1967, lower Mississippi River basin, 7048
  - United States code, 6556
- India:
  - agricultural commodities, agreement, 7522
  - relief supplies and packages, agreement, 7499
- Indian Claims Commission, annual report, 7079
- Indian Ocean, lights and fog signals, list, 7373
- Indianapolis, Ind., programmed tutorial reading project, elementary program in compensatory education, 6872
- Indians:
  - education of children, extend programs, elementary and secondary education act amendments of 1969—
  - hearings, 6709
  - report, 6695
  - illness among Indians and Alaska natives, 7420

# INDEX

Indonesia:  
background notes, 7480  
surplus property, agreement, 7500  
Inductors, inductive elements, superconductive dust cores, 7295  
Indus Plains, West Pakistan, evaluation and control of corrosion and encrustation in tube wells, 7058  
Industrial management, industrial mobilization production planning manual, 6837  
Industrial plants, *see* Plants (industrial).  
Industries, *see* Industry.  
Industry:  
company industrial civil defense manual, guide to developing, 6515  
current industrial reports, 6495-99  
helping through science and technology. State technical services, 6544  
industrial mobilization production planning manual, 6837  
industry trend series, 6484  
national industry, occupational matrix and other manpower data, projections, etc., 7174  
patterns of growth, shipments of anti-friction bearings, 6485  
special-industry machinery, trade and tariff information, summaries, 7541  
TVA area, development, 7547  
wage and man scale studies 1960-68, directory, 7185  
wage survey communications, 7176  
*see also* names of industries.  
Industry manpower surveys, 6904  
Infants, education research project, Washington, D.C., preschool program in compensatory education, 6892  
Infectious diseases, *see* Contagion and contagious diseases.  
Inflation (finance):  
problem (address), 6538  
Information services, Federal information processing standards publication hardware standard, interchange codes and media information interchange and related media standards, implementation of code, 7320  
Infrared lamps, use for brooding pigs, 6382  
Infrared rays, *see* Infrared lamps.  
Infrared spectroscopy, *see* Spectroscopy.  
Ingots, *see* Steel.  
Injuries, how to help injured employee, supervisors handbook, 7083  
*see also* accidents.  
Inlets, *see* Air inlets (aircraft).  
Input-output analysis, *see* Linear programming.  
Insecticides, control of pine seedworm, field screening, 7013  
*see also* names of insecticides.  
Insects, seed and cone insect survey on seed production areas, Clark, Mark Twain, and Shawnee National Forests, 7005  
Inspection (industrial), *see* names of articles, etc., inspected.  
Installations (military):  
Army continental U.S., list, 6435  
spiral generation of building shells for military construction, 6905  
Installment credit:  
consumer credit regulations, hearings, 6707  
uniform consumer credit code, proposal, hearings, 6707  
Institute for Telecommunication Sciences, ESSA technical report ERL-ITS series, 6915-16  
Institutions, States, funds for research, 6818  
Instruction, *see* Programmed instruction.  
Instructional materials, *see* Teaching.  
Instrument flying, tasks, pilot response to peripheral vision cues, 6481  
Insulation:  
low-density foam for insulating liquid-hydrogen tanks, 7284

Insulation—Continued  
sleeving, electrical, Federal item identification guide, 6834  
insulators, electrical Federal item identification guide, 6835  
Insulin, plasma, coated charcoal radioimmunoassay for, 6420  
Insurance, industry investigation, hearings, 6795  
*see also* types of insurance.  
Intelligibility of helium-speech as function of speech-to-noise ratio, 7200  
Interference drag, *see* Drag (aerodynamics).  
Interior and Insular Affairs Committee, House, investigations and studies, expenses, report, 6670  
Interior and Insular Affairs Committee, Senate:  
committee print, 6790  
hearings, 6791-93  
reports, 6767-71, 6773  
Interior Department:  
conservation and related subjects, publications, list, 7408  
saline water research and development progress reports, 7084-90  
Secretary, nomination of Walter J. Hickel, hearings, print additional copies, report, 6759  
Internal revenue:  
code of Federal regulations, 6957-59  
procedure and administration IRS, loose-leaf regulations system, 7097  
*see also* names of certain taxes, e.g. Income tax.  
Internal Revenue Service:  
administrative intern program, 7092  
looseleaf regulations system—  
excise taxes, 7096  
income tax, 7093-94  
procedure and administration, 7097  
International Atomic Energy Agency, application of safeguards to cooperation, agreement with Philippines, 7492  
International Commerce Bureau, international business publications, checklist, 7119  
International Convention on Load Lines, load lines, process-verbal of rectification to convention of Apr. 5, 1966, and its annexes, 7511  
International Development Agency:  
alliance for progress goals reviewed, report by Bureau for Latin America, 6717  
development of cooperative enterprises under Foreign assistance act of 1961, report, 6708  
Vietnam, improper practices, commodity import program, U.S. foreign aid, report, 6755  
International Development Association, participation by U.S., increase, reports, 6659, 6665  
International geophysical calendars, 6923  
International Institute for Unification of Private Law, amendments to art. 5, 16 and 18 of Institute statute adopted at 14th session of UNIDROIT General Assembly, 7495  
International Labor Organization, conventions adopted and recommendations, minimum age for employment underground in mines, 6574  
International Load Lines, *see* International Convention on Load Lines.  
International Monetary and Financial Policies, National Advisory Council on, *see* National Advisory Council on International Monetary and Financial Policies.  
International Monetary Fund, linking reserve creation and development assistance, staff study, 6566  
International organization, *see* International relations.



- International organization and conference series, 7488  
 International organizations series, 7489  
 International relations:  
   code of Federal regulations, 6955  
   foreign policy and operations of U.S., 1968, review, 6734  
   foreign policy of U.S.  
     Investigations and studies—  
       authorization, report, 6649  
       expenses, report, 6679  
   foreign relations, report (text of President Nixon's press conference), 7485  
   future of United States public diplomacy report, 6699  
   general foreign policy series, 7485-86  
   Peking's approach to negotiation, selected writings, 6786  
   this changing world, reading guide for the General Sessions, 7491  
 Interns, *see* Physicians.  
 Interpretative bulletins, Wage and Hour and Public Contracts Division, 7560  
 Interstate agreements, solid waste planning grants and agencies, 7428-29  
 Interstate and Foreign Commerce Committee, House:  
   hearings, 6719-20  
   legislative history of the fairness doctrine, staff study, 6721  
   reports, 6654, 6683  
 Interviewing, interviewers manual for 1969 wheat objective yield survey, 7537  
 Intuition (psychology):  
   and its experimental study, USSR, 7143  
 Inventories:  
   plant, material received by New Crops Research Branch, 6363  
   real property, owned by U.S. throughout world, report, 7039  
 Investment companies:  
   act, amendments of 1969, analysis, 6777  
   small business, SBIC industry review, 7450  
 Investments:  
   foreign, mandatory program of restraints (remarks), 6998  
   impact of direct investment upon U.S. exports (speech), 6997  
 Invitation to visit OEO public information center, 6847  
 Iodine isotopes, radiolodine, controlled environmental tests, National Reactor Testing Station, 1967 progress report, 6468  
 Ion-exchange, electrochemically controlled ion-exchange desalination transport processes, 7088  
 Ion microscope, *see* Microscopes.  
 Ion thrusters, performance of various oxide-magnetron cathodes in Kaufman thrusters, 7262  
 Ionosphere, sudden ionospheric disturbances, detection, 6918  
 Ions:  
   in aqueous saline systems, heats and entropies of transport, 7089  
   satellite ion-electron collector, experimental effects of grid transparency, photoemission, and secondary emission, 6913  
 IP series, 7076  
 Irradiation, *see* Electrons.  
 Irrigation, Western States, 1961, quality of surface waters, 7063  
 IRS, *see* Internal Revenue Service.  
 Irvin, Matthew W., Armed Forces report, forces for freedom, 6822  
 Irwin County, Ga., soil survey report, 7465  
 Isotopes, radioisotopes, sources, X-ray analysis, 6469  
   *see also* names of isotopes, e.g., Iodine isotopes  
 ISP 3 series, 6504-6  
 Israel, agricultural commodities agreement, 7507  
 It works, 6868-78, 6889-94, 6899-6901
- Italy:  
   economic trends and their implications for United States, 7104  
   market share reports, use, country report, 6542  
 Item identification, *see* Identification.
- J**
- Ja Lee Ok, *see* Lee Ok Ja.  
 Jackson, Charlie M., jr., method for determining total drag of pointed body of revolution in supersonic flow with turbulent boundary layer, 7253  
 Jackson Purchase region, Ky., stratigraphic and mineralogic relations and ceramic properties of clay deposits of Eocene age, 7047  
 Jacobson, Herbert S., geology and mineral deposits of San Cristóbal district, Villa Martin Province, Potosí, Bolivia, 7042  
 James, Reese E., extra-alveolar air resulting from submarine escape training, post-training roentgenographic survey of 170 submariners, 7198  
 Japan, United States-Japan cooperative medical science program, annual report, 6572  
 Jarvis, N. L., monomolecular films of polydimethylsiloxanes on organic liquids, 7384  
 Jean, A. Glenn, detection of sudden ionospheric disturbances, 6913  
 Jefferson, Ted B., welding and flame-cutting processes and practices, 7453  
 Jenkins, Kenneth H., sewage and water works construction, 6991  
 Jet pumps, *see* Pumps.  
 Jets, jet-induced lift effects of VTOL aircraft in hover, model tests, 7233  
 Jirberg, Russell J., superconductive dust cores for inductive elements, 7295  
 Job analysis, *see* Training.  
 Job Corps:  
   centers, the ripples reach all shores, story by Francis Tighe, 6848  
   program, administration, message from the President, 6575  
 Jobs, *see* Employment—Training—Work.  
 Johns, Thomas L., public school finance programs, 1968-69, States and outlying areas, 6897  
 Johnson, Robert L., shaft face seal with self-acting lift augmentation for advanced gas turbine engines, 7303  
 Joint economic report, 6700  
 Joint Publications Research Service, JPRS series, 7125-60  
 Joints:  
   flare angle measured with ball gage, 7248  
   welded-joint designs, armored-tank type, military standard, 6838  
 Joliet, Ill., self-directive dramatization project, elementary program in compensatory education, 6875  
 Jones, John W., visually handicapped child at home and school, 6903  
 Jones, William R., lubrication with some polyphenyl ethers and superrefined mineral oils in 600°F (316°C) inerted vane pump loop, 7273  
 Journalists, 3 & 2, Navy training course, 7376  
 Journals, *see* Medical journals.  
 Journeymen, printing crafts, examination announcement, 6522  
 JPRS series, 7125-60  
 Judge Advocate General, Air Force, activities, Air Force manual, 6410  
 Judgment (logic):  
   certitude judgments in operational environment, 6448  
   speeded practical judgment test, situational leadership measure, factor analysis, 6449  
 Judgments, *see* names of courts, etc., rendering judgments—also special subjects.

# INDEX

Judicial administration, *see* Justice Department.  
 Judiciary, *see* Justice Department.  
 Judiciary Committee, House:  
   hearings, 6722-23  
   investigations and studies, expenses, report, 6671  
   reports, 6589-92, 6594, 6600, 6603-42, 6661, 6681-82  
 Judiciary Committee, Senate:  
   hearings, 6794-96  
   investigations and studies, administrative practice and procedure in Federal agencies authorization, report, 6752  
   reports, 6738-50  
 Junior high schools, summer institutes, New York City, secondary program in compensatory education, 6900  
 Jurassic period, Upper Jurassic, Sundance formation in north-central Colorado, 7045  
 Justice, criminal, expenditure and employment for large governmental units, 6507  
 Justice Department:  
   judicial administration, code of Federal regulations, 6960  
   opinions of Attorney General, 7161.

## K

Kaczmarek, Adela, relief, 6634  
 Kahlbauer, William M., jr., rendezvous and station-keeping simulator with fly-around capability and virtual-image viewing, 7290  
 Kalman filters, suboptimal approximation, 7266  
 Kansas City, Kans., Metropolitan Interstate Air Quality Control Region, report for consultation, 7426  
 Kansas City, Mo., Metropolitan Interstate Air Quality Control Region, report for consultation, 7426  
 Karlik, John R., linking reserve creation and development assistance, 6566  
 Kaufman thrusters, *see* Ion thrusters.  
 Kearns, Henry, nomination, hearing, 6778  
 Kennecott division, *see* Yakima project.  
 Kent County, Mich., work experience and training, administration and effectiveness of project, GAO report, 7024  
 Kentucky, coal mines, waste disposal costs, 7208  
 Key to meteorological records documentation, 6922  
 Keyboards, keyboard arrangements, military standards, 6844  
 King crabs, fisheries, agreement with Union of Soviet Socialist Republics, 7516  
 Kinney, Jo Ann S., underwater visibility of colors with artificial illumination, 7199  
 Kleiner, Frank, relief, 6597  
 Knight, John T., claim against U.S., 6589  
 Koelling, Melvin R., use of plastic tubing in maple sap production, 7020  
 Koerner, Albert G. A., Detroit and vicinity before 1900, annotated list of maps, 7192  
 Koeser, R. L., report of 53rd National Conference on Weights and Measures, 7323  
 Kolker, Myer, space geodesy altimetry study, 7234  
 Koon Chew Ho, *see* Ho, Koon Chew.  
 Korea:  
   Republic—  
   economic trends and their implications for United States, 7113  
   labor organizations, directory, 7187  
 Kovachna, T. A., porosity of protective films on mild steel, 7386  
 Kunzig, Robert L., nomination, hearing, 6785  
 Kuriz, Albert K., annotated bibliography of Human Factors Laboratory reports, 7378  
 Kyanite, partially melted kyanite eclogite from Roberts Victor Mine, South Africa, 7454

## L

Labor:  
   code of Federal regulations, 6961  
   conditions in—  
   Australia, 7188  
   New Zealand, 7189  
   geographic mobility in United States, 7459  
   older workers, manpower programs for senior citizens, 7165  
   *see also* Wages.  
 Labor and Public Welfare Committee, Senate:  
   committee print, 6798  
   hearing, 6797  
 Labor Department, Assistant Secretary, nomination of Jerome M. Rosow, hearing, 6797  
 Labor laws, affecting private household workers, 7504  
 Labor organizations, *see* Labor unions.  
 Labor standards:  
   Fair labor standards act—  
   overtime compensation, 7560  
   records to be kept by employers, 7561  
   prevailing wage requirements on construction of FHA-insured multifamily housing projects, 7069  
 Labor Statistics Bureau, bulletins, 7170-84  
 Labor unions:  
   organizations—  
   Australia, 7188  
   Malaysia, directory, 7186  
   New Zealand, 7189  
   Republic of Korea, 7187  
 LaFleur, Philip D., Activation Analysis Section, summary of activities, 7324  
 Lake States, *see* Great Lakes States.  
 Lake Superior, *see* Superior, Lake.  
 Lakes, *see* names of lakes.  
 Lambs, on feed, 7532-33  
 Laminar flow, *see* Flow.  
 Laminated materials:  
   fiber-reinforced plastic, behavior, under uniaxial, biaxial and shear loadings, 6437  
   laminar heat-transfer distributions for blunted-cone cone-frustum reentry configuration at Mach 10, 7299  
 Land:  
   acquisition for public airports, Federal aviation regulations, change, 6938  
   prices, directions and dynamics, 7405  
   *see also* Soil conservation.  
 Landfills, *see* Refuse.  
 Landing (aircraft):  
   advanced scanning beam guidance system for all weather landing, 7539  
 Landing (spacecraft), *see* Spacecraft.  
 Landing gear, prototype lunar module, full-scale dynamic landing-impact investigation, 7251  
 Langmuir probes, *see* Electric probes.  
 Language and languages, speech and language development program, Milwaukee, Wis., elementary program in compensatory education, 6876  
 Lario, Olga, C. P., relief, 6625  
 Larsen, Marion R., agricultural situation in Communist areas, eastern Europe, Soviet Union, and mainland China, 6859  
 Lasers, laser health hazards control, aerospace medicine, 6411  
 Laspeyres anaranjada, *see* Moths.  
 Lateral stability, *see* Stability of aircraft.  
 Latin America:  
   alliance for progress, goals reviewed, report, 6717  
   economic integration, implications for U.S. business, 6543  
 Lattice theories, *see* Crystal lattices.  
 Launch vehicles, *see* Spacecraft.  
 Lautz, William, detection survey of Annonus root rot, Allegheny National Forest, 7004

Law:

laws of United States relating to improvement of rivers and harbors, compilation, 6569  
 slip laws (public), 90th Congress, 6561-63  
*see also* Codes of law.  
 Law clerks, legal clerk's handbook, 6434  
 Law enforcement, crime in District of Columbia, suggestions of President's Commission on crime, implementation, committee print, 6780  
 Laws, *see* Codes of law.—Law.  
 Leaching, experimental gold from mine waste, 7220  
 Leadership, situational measure, speeded practical judgment test, factor analysis, 6449  
 Leaflets, *see* names of departments, etc., issuing leaflets.  
 Leather, hides and skins, trade and tariff information, summaries, 7540  
 Leaves, foliage plants, production and sales, etc., 7529  
 Lee, Alvin T. M., outdoor recreation, catalog of research projects in Agriculture Dept. and State agricultural experiment stations and forestry schools, 6819  
 Lee, In Sook, relief, 6636  
 Lee Ok Ja, relief, 6617  
 Lee Sung Nan, *see* Sung Nan Lee.  
 Legislation, legislative history of fairness doctrine, staff study, 6721  
*see also* Law—*also* subjects.  
 Leibold, Louis E., Prince William Sound, Alaska, earthquake, 1964, and aftershocks, 6528  
 Lerfeld, G. M., Hall-effect magnetometers in scientific rocket payloads, 6919  
 Let's go Air Force!, 6413  
 Let's talk about goofballs and pep pills, 7377  
 Levadi, Solomon S., relief, 6596  
 Lewis, Dorothea J., handle yourself with care, accident prevention for older Americans, 6353  
 Lewis and Clark Lake:  
   fish sampling and estimation of relative abundance, 7475  
   sauger population, biological characteristics, 7475  
   white crapple, biology, 7475  
 Li, Cheng-hual, relief, 6738  
 Libraries:  
   colleges and universities, data for individual institutions, fall, 1968, statistics, 6881  
   depository, law governing, and list of libraries, 6733  
   grants for regional medical libraries, information and policy statement, 7350  
   school resources, ESEA, title 2, annual report, 6866  
 Library of Congress, publications in print, list, 7193  
 Life support systems, systems approach to evaluating Hydrogenomonas cultures, 7232  
 Lift (aircraft):  
   shaft face seal with self-acting lift augmentation for advanced gas turbine engines, 7303  
   VTOL aircraft in hover, model tests on jet-induced lift effects, 7283  
 Lights and lighting:  
   Coast Guard lists, Atlantic and Gulf Coasts, and Antilles, 6536  
   Naval Oceanographic Office list, Pacific Ocean, western, etc., 7373  
   underwater visibility of colors with artificial illumination, 7199  
 Limestone, strength and deformation properties at various loading rates, 6907  
 Lin, Sein, relief, 6746  
 Lincoln Back Country Wilderness in Montana, designate as wilderness area, proposal, hearing, 6792  
 Linear programming, hand-printed input for on-line systems, 7228

Linking reserve creation and development assistance, 6566

Liquid fuel, *see* Fuel oil.

Liquid hydrogen, *see* Hydrogen.

Liquids:

monomolecular films of polydimethylsiloxanes on organic liquids, 7384  
 pipeline safety, hearing, 6720  
 wetting, effect of flow rate on dynamic contact angle, 7285

Lists, *see* subjects of lists.

Lithium:

effects of losses on magnetic and crystallographic properties of spinel lithium ferrite, 7307

lithium drifted silicon detectors as low-energy photon spectrometers, 7258

Lithographs, Air Force lithographic series, announcement and order form, 7412

Little, Silas, ten-year effects from row thinning in loblolly pine plantations of eastern Maryland, 7008

Little River, S.C., to Rio Grande, Tex., and Antilles, light list, 6536

Liver, postoperative hepatic necrosis and halothane anesthesia, study of possible association, 7344

Load (mechanics):

granite, basalt, limestone and tuff, strength and deformation properties at various loading rates, 6907

mechanical behavior of boron-epoxy and glass-epoxy filament wound cylinders under various loads, 7256

oblique loading of unidirectional fiber composites, shear loading, 6455

water, landing loads of Apollo spacecraft models, effects of bottom-structure flexibility, 7280

Load Lines, International Convention on, *see* International Convention on Load Lines.

Loading, *see* Load (mechanics)—Unloading and lading.

Loans:

loan guaranty benefits for veterans with service since Jan. 31, 1955, summary, 7569

Small Business Administration, economic opportunity loan program, 7447

student loan program, 7% payment tables and amortization schedules, 6902  
*see also* Mortgages.

Loblolly pine, *see* Pine.

Local government, *see* Government.

Locke, Ah Mee, relief, 6746

Locke, Amy, *see* Locke, Ah Mee.

Logistics, item logistics data records, standard guides for preparation of proposed, etc., 6980

Long Beach, Calif., port, general data, 6906

Long Island, N.Y., hydrologic effects of 1962-66 drought, 7062

Longitudinal stability, *see* Stability of aircraft.

Longshoremen, longshoring accidents, 1966-67, analysis of injuries, 7168

Loops, lubrication with some polyphenyl ethers and superrefined minerals oils in 600°F (316°C) inerted vane pump loop, 7273

Loose-housing system (covered free stall) for 124 dairy cows, 6392

Los Alamos Scientific Laboratory, 25 years of service (remarks), 6470

Los Angeles, Calif., port, general data, 6906

Louisville, Ky., area wage survey, 7184

Low rent housing, *see* Housing.

Lowson, M. V., studies of helicopter rotor noise, 6453

LSI, *see* Lysergic acid diethylamide.

Lubricants, graphite fluoride as solid lubricant, preliminary investigation, 7274

# INDEX

Lubrication, with some polyphenyl ethers and superrefined mineral oils in 600°F (316°C) inerted vane pump, 7273  
 Lucas, John T., Department of Defense market for wooden pallets, 7021  
 Lumber, prices, investigation, authorization, report, 6666  
 Lunar gravitation, *see* Moon.  
 Lunar landings, prototype lunar module landing gear, full-scale dynamic landing-impact investigation, 7251  
 Lunar orbits, *see* Orbits.  
 Lunches, *see* School lunches.  
 Lunden, Leon E., major collective bargaining agreements, training and retraining provisions, 7170  
 Luria, S. M., stereoscopic and resolution acuity with varying field of view, 7201  
 Lustig, Lawrence K., trend-surface analysis of Basin and Range province, and some geomorphic implications, 7051  
 Lyne, Larry L., calculation of compressible turbulent boundary with pressure gradients and heat transfer, 7237  
 Lysergic acid diethylamide:  
   Federal research and regulatory programs, LSD, organization and coordination, report, 6754  
   LSD, some questions and answers, 7421  
   tranquilizers and LSD, general information, 7377

## M

McClure, Joe P.:  
   predicting tree d.b.h. from stump measurements in Southeast, 7015  
   sectional aluminum poles improve length measurements in standing trees, 7014  
 McCormick, M. P.  
   tables of mie scattering functions for particles with refractive index 1.5, 7282  
 McCrackin, Frank L., fortan program for analysis of ellipsometer measurements, 7327  
 McElroy, James L., St. Louis dispersion study, 7425  
 McGhee, Robert J., exploratory investigation of flow field resulting from forward facing nozzles exhausting near large cylindrical body at free-stream Mach numbers of 3.0 and 6.0, 7252  
 Machine tools, miscellaneous machine tools, industrial plant equipment handbook, 6829  
 Machinery:  
   rubber and plastics working machinery, industrial plant equipment handbook, 6828  
   special-industry machinery, trade and tariff information, summaries, 7541  
 Mack, Robert J., numerical method for evaluation and utilization of supersonic nacelle-wing interference, 7259  
 Magistrates, *see* United States magistrates.  
 Magnetic fields:  
   earth's magnetic field on South Pole-Queen Maud Land Traverse 1, 1964-65, 6526  
   influence of interelectrode distance on stability of straight pinch in quadrupole high-frequency field, 6466  
   plasma accelerator with magnetic field arranged to produce divergent-nozzle effect, 7289  
 Magnetism, magnetic properties of spinel lithium ferrite, effects of lithium and oxygen losses, 7307  
 Magnetometers, Hall-effect, in scientific rocket payloads, 6919  
 Magnets, permanent magnet stepping motors, dynamic analysis, 7271  
 Mahan, John N., fertilizer supply, 6365  
 Mail carriers, prepare yourself for postal examination, 6524

Mail distributors, prepare yourself for postal examination, 6524  
 Mail handlers, prepare yourself for postal examination, 6524  
 Mails, *see* Postal service.  
 Maine:  
   census of business, 1967, retail trade, area statistics, 6493  
   western, Quimby and Greenvale Cove formations, 7044  
 Major County, Okla., soil survey report, 7467  
 Make your practice perfect, 6414  
 Malaysia, labor organizations, directory, 7186  
 Malta, background notes, 7476  
 Man-machine system, teleoperator controls, AEC-NASA technology survey, 7246  
 Management, *see* Administrative management—Configuration management.  
 Manpower:  
   automation research monograph, 7164  
   cooperative area planning system, concentrating manpower services against poverty, 7163  
   development and training act of 1962, amend, report, 6655  
   improved management in Federal Government, report, 6644  
   industry, surveys, 6904  
   programs for senior citizens, 7165  
   tomorrow's manpower needs, national projections—  
     developing area manpower projections, 7173  
     national industry, occupational matrix and other manpower data, 7174  
   training, forest industry, in Tennessee Valley region, 7545  
 Manuals, *see* names of departments, etc., issuing manuals—also subjects.  
 Manufactures and manufacturers small business technical aids, 7453  
   *see also* names of manufactured articles.  
 Maple, sap, use of plastic tubing in production, research summary and evaluation, 7020  
 Maps and charts, Coast and Geodetic Survey aeronautical charts, catalog, 6527  
   *see also* names of localities—also subjects.  
 Marine Corps:  
   awards manual, 7391  
   Fleet Marine Force manual FMFM series, 7194  
 Marine crewman's handbook, change, 6445  
 Marine resources conservation, marine resources development, national opportunity, 7081  
 Maritime Administration, research and development progress, 7196  
 Maritime industry, *see* Merchant marine.  
 Mark Twain National Forest, seed and cone insect survey on seed production areas, 7005  
 Markets and marketing:  
   acreage marketing guides, 6804-5  
   international opportunities for newcomers (address), 7118  
   market share reports—  
     catalog, 7117  
     use, country report on Italy, 6542  
   marketing research reports, 6383-86  
   roadside market, building plan, 6391  
   *see also* names or classes of commodities, etc., marketed.  
 Marrattox, Patrick, relief, 6599  
 Marriage, vital statistics of U.S., 7434  
 Marston, Noel S., relief, 6607  
 Martin, Preston:  
   address, Mar. 28, 1969, 6944  
   nomination, hearings, 6778  
 Martinson, R. Kahler, waterfowl status report, 7474  
 Maryland, postal map, 7402  
 Masks, perception of pitch in white noise mask, 7197

- Mass transfer, in laminar and turbulent hyperfiltration systems, 7085  
 Massachusetts, shoe manufacturing, wage chronology, supplement, 7171  
**Materials:**  
   glovebox window materials, fire safety application, 6474  
   micromorphic material constants from properties of constituents, how to determine, 7240  
**Materials handling, in small business, improvement methods, 7452**  
**Mathematical analysis, see Mathematics.**  
**Mathematical models, see Mathematics.**  
**Mathematics:**  
   Hodgkin-Huxley type system of differential equations, numerical treatment of thresholds and stationary values, boundedness theorems and other mathematical studies, 7226  
   mathematical analysis of Fitzgerald apparatus, 7286  
   Maul, George A., precise echo soundings in deep water, 6912  
   Maye, Richard F., on determination of micromorphic material constants from properties of constituents, 7240  
**Measurements, satellite radiation measurements of atmosphere's geopotential height distribution, 6921**  
   *see also* subject of measurement.  
**Meat:**  
   home canning, 6360.  
   how to use USDA grades in buying, 6394  
   industry, technical terms, 6816  
   meat inspection program, MIP guidelines (series), 6816  
**Mechanical fans, current industrial reports, 6496**  
**Mechanical vibrations, see Sound.**  
**Mechanics (persons):**  
   apprentices, mechanical trades, examination announcement, 6523  
**Medals:**  
   commemorative—  
     100th anniversary of founding American Fisheries Society, report, 6766  
     Winston Churchill Memorial and Library dedication, report, 6765  
   *Medicaid, see* Medical assistance.  
**Medical and dentistry support, Fleet Marine Force manual, 7194**  
**Medical assistance:**  
   financed under public assistance titles of social security act, 7333  
   *Medicaid, 1968 fiscal year, 7332*  
**Medical care:**  
   medical service, Indian Health Services, annual statistical review, 7420  
   medical support, Fleet Marine Force manual, 7194  
   *medicare—*  
     medical insurance—  
       benefits, important facts, 7461  
       under social security, handbook, 7463  
       your health insurance, 7460  
       your social security, 7462  
     *see also* Health.  
   Medical certificates, airmen, physical standards, Federal aviation regulations, 6930  
   Medical Department, Army, internal medicine in World War II, infectious diseases and general medicine, 6463  
   Medical facilities, *see* Hospitals.  
   Medical institutions, *see* Hospitals.  
   Medical insurance, *see* Health Insurance.  
   Medical Insurance Trust Fund, Federal Supplementary, *see* Board of Trustees of Federal Supplementary Medical Insurance Trust Fund.  
   Medical journals, index medicus, cumulated, 7349  
   Medical libraries, *see* Libraries.  
   Medical officers, *see* Physicians.  
   Medical research, *see* Medicine.
- Medical schools, full time faculty, 1967 fiscal year, 7347  
 Medical service, *see* Medical care.  
 Medical specialists, *see also* Physicians.  
 Medicare, *see* Medical care.  
**Medicine:**  
   administration and management of biology and medicine research program, Atomic Energy Commission, GAO report, 7037  
   aeromedical reviews, 6415  
   aerospace, laser health hazards control, 6411  
   aviation medical report AM series, 6481  
   index medicus, cumulated, 7349  
   internal, in World War II, infectious diseases and general medicine, 6463  
   medical research—  
     institutions named after medical men, 7351  
     support, Army Medical Research and Development Command, 6464  
     Veterans Administration—  
       annual report, 7555  
       report, 6732  
   medical subject headings, cumulated, 7349  
   research and education, career development program, 7556  
   resources for medical research, reports, 7347  
   School of Aerospace Medicine, technical reports, 6416-21  
   Soviet research in Antarctica, 7151  
   United States-Japan cooperative medical science program, annual report, 6572  
   Mediterranean Sea, sailing directions, change, 7372  
   Melons, acreage marketing guide, 6805  
   Member banks, *see* Federal Reserve member banks.  
   Membranes, synthetic, coupling phenomena, 7090  
**Mental health:**  
   first U.S. mission to U.S.S.R., special report, 7427  
   program reports, 7423  
   statistics, current facility reports, 7424  
**Mental institutions, hospital improvement program, better care for mental patients, progress report, 7414**  
**Mental retardation, grants, awarded by HEW, list, research and demonstration, 7066**  
**Mentally ill, better care for mental patients, hospital improvement program, 7414**  
**Menus, menu planning guide for breakfast at school, 6813**  
**Menus for space flights, aerospace rations, computer programming of, 6418**  
**Merchant marine, maritime subsidies, 7195**  
**Merchant Marine and Fisheries Committee, House:**  
   activities, 90th Congress, committee print, 6725  
   committee print, 6725  
   hearings, 6724  
   investigations and studies—  
     authorization, report, 6648  
     expenses, report, 6672  
   Mercury, donation of surplus mercury for educational and public health purposes, Health, Education and Welfare Dept., GAO report, 7028  
   Merkel, Edward P., field screening of insecticides for control of pine seedworm, Laspeyresia, anaranjada, 7013  
   Merrill, Ronald B., thermal conduction through evacuated idealized powder over temperature of 100°-500°K, 7260  
   Mesozoic era, Star Peak Group (Triassic) and overlying lower Mesozoic rocks, Humboldt Range, Nev., stratigraphy, 7053  
   Metal cutting, welding and flame-cutting processes and practices, 7453

# INDEX

- Metals:**  
metals and metal products, trade and tariff information, summaries, 7541  
refractory-metal wires at 2000° and 2200°F, stress-rupture and tensile properties, 7297  
*see also* fracture of metals—*also* names of metals.
- Meteorology:**  
records documentation, 6922  
satellite data, television cloud photography, catalog, ESSA 3 and ESSA 5, 6922
- Mexico:**  
earth resources cooperative research in remote sensing for earth surveys, agreement, 7497  
east coast, sailing directions, change, 7369  
economic trends and their implications for United States, 7112  
production areas, capabilities of supplying U.S. markets with fresh winter produce, 6856  
Miami, Fla., area wage survey, 7182
- Mica:**  
fluorine micas, 7203  
separation from granite, 7215  
Microfilm, National Archives publications, pamphlet accompanying, 7315-18  
Microscopes, resolution and image intensity of field-ion microscope, 7291
- Midwest (U.S.):**  
fresh fruit and vegetable unloads, in midwestern cities, by commodities, States, etc., 6809
- Mie scattering, *see* Scattering.**
- Milgram, Grace, U.S. land prices, directions and dynamics, 7405**
- Military communications, communication system technical standards, keyboard arrangements, military standard, 6844**
- Military construction, *see* Installations (military).**
- Military education, *see* Training.**
- Military equipment, *see* Military supplies.**
- Military hospitals, Army residency program, 6462**
- Military installations, *see* Installations (military).**
- Military personnel, *see* Army.**
- Military service:**  
Armed Forces Day activities, 1969 report, 6822  
deserters, treatment—  
committee print, 6773  
report, 6763  
Military standards, *see* Standards and standardization.
- Military supplies:**  
airdrop of supplies and equipment, Army technical manual, military floating and fixed aluminum bridges, 6443  
defense procurement competition, minimize concentration hearings, 6794  
electromagnetic interference characteristics requirements for equipment, military standard, change, 6839  
utilization manual, 6839
- Milk:**  
fluid, packaged, sales in Federal milk order markets, by size and type of containers and distribution method, 6811  
special program for children—  
hearings, 6701  
report, 6691
- Miller, G. Kimbal, Jr., fixed-based visual simulation of pilot-controlled descents of an advanced Apollo spacecraft with all-flexible parawing, 7255**
- Millers, L. biological evaluation of spruce budworm on Superior National Forest, 7006**
- Milling machines, cane milling of nicotine from green nicotiana rustica, 6359**
- Mills, William J., Peru's fishmeal industry, 6996**
- Milwaukee, Wis.:**  
elementary program in compensatory education—  
elementary reading centers, 6869  
speech and language development program, 6876
- Mine drainage, acid mine drainage, water pollution control, demonstration projects hearings, 6803**
- Mine safety, *see* Safety of life.**
- Mineral industries, *see* Minerals.**
- Mineral lands, patenting mining claim on Federal lands, basic procedure, 7191**
- Mineral oils, *see* Oils.**
- Mineralogy, stratigraphic and mineralogic relations and ceramic properties of clay deposits of Eocene age, 7047**
- Minerals:**  
deposits, San Cristóbal district, Villa Martin Province, Potosí, Bolivia, 7042  
industry, minerals yearbook chapter Turkey, 7210  
resources—  
underwater exploitation, USSR study, 7136  
Utah, report, print as Senate document, report, 6761
- Miners, *see* Coal mines and mining.**
- Mines and mining:**  
mine waste, experimental leaching of gold, 7250  
minimum age for employment in underground mines, International Labor Organization convention, 6574  
*see also* names of metals and minerals mined.
- Mines Bureau:**  
bulletins, 7203  
information circulars, 7206-8  
report of investigations, 7212-21  
Mining claims, *see* Mineral lands.
- Mining engineering, five-piece concrete sets for small mine openings, progress report, 7219**
- MIP guidelines, 6816**
- Miquel, Roberto de la Caridad relief, 6620**
- Misalignment, *see* Alignment.**
- Miscellaneous papers, *see* names of departments, etc., issuing papers.**
- Missiles:**  
anti-ballistic missile system (statement), 7486  
ballistic, early warning station at Fylingdales Moor, Yorkshire, agreement with Great Britain, 7501  
Mississippi River and Valley, surface-water records to Sept. 30, 1967, index, 7048  
Missouri River Basin Inter-Agency Committee, progress report, 7082  
Mitchell, George W., remarks, Mar. 13, 1969, 6976
- Mlanko, Aranka, relief, 6628**
- Mobility, labor, between geographic regions in United States, 7459**
- Modeling:**  
forecasting and modeling of future, USSR study, 7147  
gravitational model selection, effect on accuracy of lunar orbit determination from short data arcs, 7278  
Modules, prototype lunar module landing gear, full-scale dynamic landing-impact investigation, 7251  
Modulus of elasticity, *see* Elasticity.
- Moench, Robert H., Quimby and Greenvale Cove formations in western Maine, 7044**
- Moher, William J., relief, 6633**
- Molasses, market news, annual summary, 6806**
- Molecules, obtaining population inversion in supersonic stream of binary gas in laval nozzle, USSR study, 7128**
- Molybdenum, fabrication of cernets from mixed powders and coated particles, 7294**
- Monaco, alien amateur radio operators, authorization to operate, agreement, 7504**



Monetary policy, *see* Money.

Money:  
code of Federal regulations, 6962  
monetary policy guidelines and Federal reserve structure, compendium, 6706  
monetary restraints and flows of funds to savings institutions (remarks), 6976  
public assistance money payments to persons aged 65 or over, 1948-68 and May 1968, concurrent receipt, 7331  
Monitoring, performance as function of muscular response effort, 6446  
*see also* Radiation monitoring.  
Monomolecular films, polydimethylsiloxanes on organic liquids, 7384  
Monopolies, *see* Competition.  
Months, *see* names of special months.  
Montpellier, Ohio, motor carrier accident report, 7222  
Moon, gravitational-model selection, effect on accuracy of lunar orbit determination from short data arcs, 7278  
Moore, Jerry A., Jr., nomination, report, 6737  
Morocco, agricultural commodities agreement, 7526  
Morphometry, FORTRAN II programs for univariate and bivariate analysis of morphometric data, 7353  
Mortensen, Ernest, handbook of tropical and subtropical horticulture, 7123  
Mortgage Interest Rates, Commission to Study, *see* Commission to Study Mortgage Interest Rates.  
Mortgages:  
farm—  
    lending experience of life insurance companies, Federal Land Banks, and Farmers Home Administration, 6863  
    mortgage debt, 6862  
Moses, Grandma, 6-cent American folklore commemorative postage stamp (poster), 7396  
Mosser, Emmanuel L., estimation of serum proteins by quantitative densitometry after gel electrophoresis, 6421  
Moths:  
    Dioryctria amatella distinguishing attacks on southern pines, 7017  
    pine seedworm, field screening of insecticides for control, 7018  
Motion, dynamics of vestibular system and their relation to motion perception, 7239  
Motor vehicle accidents, motor carrier accident investigation reports, 7222-23  
Motor vehicles, world production and registration, 6488-89  
Motorboats, *see* Boating.  
Motors:  
    FW-4d solid-propellant rocket motor on Delta 50(AIMP-E), flight performance, 7249  
    permanent magnet stepping, dynamic analysis, 7271  
MP series, 7077  
Mueller, Hans-Karl, stable crack propagation in viscoelastic strip, 7227  
Mullan, James W., use of echosounder in measuring distribution of reservoir fishes, 7475  
Mullins, Cecil J., selection of foreign students for training in United States Air Force, 6403  
Multipliers, multiplier phototubes exposed to spatial radiation, degradation, 7238  
Muscles, muscular response effort monitoring performance as function, 6446  
Museums, U.S. Army, directory, 7202  
Mutual Benefit Foundation, relief, 6590

N

N.B.S., *see* National Bureau of Standards.  
N.R.A.B., *see* National Railroad Adjustment Board.

Nacelles, supersonic nacelle-wing interference, numerical method for evaluation and utilization, 7259  
Nakano, Akemi, *see* Duke, Noriko S.  
Narcotics, and drugs, publications list, 7411  
NASA, *see* National Aeronautics and Space Administration.  
NASA EP series, 7243  
NASA facts, 7244  
NASA SP series, 7245-47  
NASA tech briefs, 7248  
National Advisory Council on Education Professions Development, annual report, 7224  
National Advisory Council on International Monetary and Financial Policies, annual report, 6573  
National Aeronautics and Space Administration:  
    AEC-NASA technology survey, 7246  
    contractor report CR (series), 7225-42  
    EP series, 7243  
    management controls of quality assurance system for Apollo program, 7035  
    NASA facts, 7244  
    SP series, 7245-47  
    space flight investigations, opportunities for participation, 7308-312  
    tech briefs, 7248  
    technical notes, 7249-7306  
    technical reports, 7307  
National Air Pollution Control Administration, publications, AP series, 7425  
National Archives:  
    microfilm publications, pamphlet accompanying, 7315-18  
    record groups in National Archives and Federal record centers, list, 7314  
National Bureau of Standards:  
    Activation Analysis Section, summary of activities, 7324  
    publications, list, 7321  
    special publications, 7321-23  
    technical notes, 7324-29  
National Capital, *see* Capital of United States.  
National Commission on Reform of Federal Criminal Laws, extend, report, 6661  
National Commission on Urban Problems, research reports, 7405-6  
National Conference on Weights and Measures, annual report, 7323  
National defense:  
    agreement with Canada, 7509  
    code of Federal regulations, 6963-65, 6971  
    current status of military defense, summary, 6822  
    *see also* National security.  
National Education Association, corporate powers, liberalize, amend act, report, 6681  
National Endowment for the Arts, programs, through Mar. 1969, list, 7336  
National Endowment for the Humanities, annual report, 7337  
National Environmental Satellite Center, ESSA technical reports, NESG series, 6920-21  
National Fertilizer Development Center, TVA, annual report, 7548  
National forests, lands of many uses, quality of environment vital to all, 7003  
National Guard, Army, technicians, civilian personnel, manning criteria, 7338  
National Guard Bureau, pamphlets, 7338-39  
National health survey, vital and health statistics, 7431, 7433  
National Herbarium, contributions from, 7354  
National Institute of Arthritis and Metabolic Diseases, general information, 7345  
National Institute of Environmental Health Sciences, history, mission, etc., 7343  
National Institutes of Health, resources for medical research reports, 7347

# INDEX

- National Labor Relations Board, field manual, revised pages, 7348
- National monuments and memorials, publications, price list, 7409
- National Museum, bulletins, 7352-53
- National Observances and Holidays Commission, establish, report, 6682
- National Park Services, National Capital parks, 1969 activities, 7355
- National parks, publications, price list, 7409
- National Railroad Adjustment Board, awards, 7359-61
- National Reactor Testing Station, controlled environmental radiolodine tests, 1967 progress report, 6468
- National security:
- air traffic control, Federal aviation regulations, change, 6934
  - new role and structure, 6784
  - State-Defense Officer Exchange Program, analysis and assessment, committee print, 6788
- see also* National defense.
- National Severe Storms Laboratory, ESSA technical memorandum ERLTM-NSSL series, 6911
- National Transportation Safety Board, publications, list, 7364
- National Water Resources, Select Committee on Senate, recommendations, history of implementation, 6790
- NATO, *see* North Atlantic Treaty Organization.
- Natural resources:
- conservation, publications, list, 7408
  - permit for landfill in Hunting Creek, Va., a debacle in conservation, report, 6694
  - resource publications (series), 7470-72
- Nautical almanacs, *see* Almanacs.
- Naval Academy, Annapolis, catalog, 7366
- Naval Facilities Engineering Command, design manuals, 7367
- Naval Oceanographic Office, publications series, 7369-73
- Naval Research Laboratory, report series, 7379-89
- Naval ships, *see* Ships.
- Naval Submarine Medical Center, reports, 7197-7201
- Naval Training Device Center, technical reports, 7378
- Naval vessels, *see* Ships.
- Navigable waters, *see* Navigation.
- Navigation:
- aids, range design, 6535
  - navigable waters, code of Federal regulations, 6966
- NAVTRADEVEN, *see* Naval Training Device Center.
- Navy:
- awards manual, 7391
  - USSR, propagandists and agitators, handbook, 7185
- Navy Department:
- control over repairs of electronic components and assemblies, GAO review, 7027
  - per diem payments to prospective crew members of ships under construction in New Orleans, La., 7031
- NBS, *see* National Bureau of Standards.
- Nebraska, agricultural conservation program, 6366
- Necrosis, postoperative hepatic necrosis and halothane anesthesia study of possible association, 7344
- Negotiations, Peking's approach, selected writings, 6786
- Nelson, William B., biological characteristics of sauger population in Lewis and Clark Lake, 7475
- Nematoid worms, golden nematode of potatoes and tomatoes, description, control, etc., 6396
- Netherlands, economic trends and their implications for United States, 7116
- Networks, radar and surface mesonet network data analysis of structure and movement of severe thunderstorms of Apr. 3, 1964, 6911
- Neurosurgery, *see* Surgery.
- Nevada:
- ASCS farm programs, 6367
  - southern early Pennsylvania ammonoids, 7055
- New Bedford Storage Warehouse Co., relief, 6600
- New Crops Research Branch, plant material introduced, 6363
- New Florence, case study for 1970 censuses of population and housing, 6504-6
- New Orleans, La., per diem payments to prospective crew members of ships under construction in, Navy Dept., GAO Report, 7031
- New York City:
- Citrus Associates of Cotton Exchange, futures trading and open contracts in frozen concentrated orange juice, 6552
  - early childhood project, preschool program in compensatory education, 6891
  - elementary program in compensatory education—
    - after school study centers, 6888
    - homeworker helper program, 6878
    - more effective schools, 6871  - secondary program in compensatory education—
    - college bound program, 6899
    - junior high summer institutes, 6900
- New York State, forest taxation and preservation of rural values in New York, 6999
- New Zealand, labor conditions and labor organizations, 7189
- Nguyen Van Hue, relief, 6609
- Nicotiana rustica, *see* Tobacco.
- Nicotine, from green nicotiana rustica, cane milling, 6359
- Nigeria, economic trends and their implications for United States, 7108
- Nitrogen:
- fertilization, influence on pasture productivity of created wheatgrass, 6401
  - fertilizer supply, 6365
- Nixon, Richard M., *see* President of United States.
- Noble, Lloyd W., fifty years of research on pink bollworm in United States, 6374
- Noise:
- helicopter rotor noise computer program, description, 6454
  - helicopter rotor, studies, 6453
  - intelligibility of helium-speech as function of speech-to-noise ratio, 7200
  - perception of pitch in white noise mask, 7197
- see also* Sound.
- Nomenclature, *see* subjects.
- Nominations, *see* names of persons.
- Nonprofit organizations, priority in payment of adjudicated claims under existing programs, amend War claims act, report, 6683
- North America, west coast, tide tables, high and low water predictions, 6532
- North Atlantic Treaty Organization. NATO, protection, peace, progress, 1949-69, 20th anniversary, 7488
- Northeast (U.S.):
- Northeastern area State and private forestry series, 7004-6
  - Pacific Northwest, ten-year hydro-thermal power program, 6483
- Notes, *see* Treasury notes.
- Nozzles:
- forward-facing, exhausting near large cylindrical body at free-stream Mach numbers of 3.0 and 6.0 exploratory investigation of flow field resulting, 7252

Nozzles—Continued

- laval, obtaining population inversion of molecules in supersonic stream of binary gas, USSR study, 7128
- plasma accelerator with magnetic field arranged to produce divergent-nozzle effect, 7289
- plug and shroud geometry variables, effect on plug-nozzle performance at transonic speeds, 7275
- NRAB, *see* National Railroad Adjustment Board.
- NRL, *see* Naval Research Laboratory.
- NSSL, *see* National Severe Storms Laboratory.
- Nuclear energy, *see* Atomic energy.
- Nuclear explosions, underground, seismic observations, Project Vela Uniform, agreement with Canada, 7525
- Nuclear power, *see* Atomic energy—Atomic power.
- Nuclear reactors, *see* Reactors (atomic).
- Nuclear science, abstracts, index, cumulative report number, with public availability citations, 6477
- Nuclear standards for chemistry and technology, 7322
- Nuclear warfare, *see* Atomic warfare.
- Numbers and characteristics of employees in institutions of higher education, 6884
- Numerical calculations, method for evaluating and utilization of supersonic nacelle-wing interference, 7259
- Numismatics, history, national numismatic collections, 7352
- Nurses and nursing, dialysis symposium for nurses, 7415
- Nursing, *see* Division of Nursing, PHS.
- Nursing, American Journal of, *see* American Journal of Nursing.
- Nusbaum, William J., cold performance evaluation of 4.97-inch radial-inflow turbine designed for single-shaft Brayton cycle space-power system, 7269
- Nutrition:
  - Child nutrition act of 1966—
    - extend—
      - hearings, 6701
      - report, 6691
    - strengthen and expand, reports, 6686, 6689
  - value, and food intake of diets of men, women, and children in United States spring 1965, preliminary report, 6358
- Nutrition of plants, *see* Plants.

O

- OAA, *see* Old age assistance.
- Oahu, Hawaii, windward, water resources, 7064
- OASDI, *see* Old-age, survivors, and disability insurance.
- Oberholtzer, Betty L., publications of National Bureau of Standards, 7321
- OBR series, 6540-43
- Obsolence and opportunity, how Federal surplus property contributes to Nation's health, education, and civil defense, 7067
- Occupations:
  - career development program, research and education in medicine, 7556
  - career opportunities, journeymen in printing crafts, 6522
  - national industry, occupational matrix and other manpower data, projections, etc., 7174
- Ocean temperature, method and equipment for investigating turbulent temperature fluctuations in the sea, USSR study, 7159
- OEO, *see* Economic Opportunity Office.
- Officer Exchange Program, Departments of State and Defense, analysis and assessment, committee print, 6788

Officers, *see* Officer Exchange Program—also names of services to which officers belong.

- Oil, *see* Petroleum.
- Oil films, *see* Films (coatings).
- Oil pipe lines, *see* Pipe lines.
- Oil pollution of rivers, harbors, etc., *see* Water pollution.
- Oil shale, theoretical relationship between density and oil yield, 7218
- Oils, superrefined mineral, and some polyphenyl ethers, lubrication with, in 600°F (316°C) inerted vane pump loop, 7273
- Ok Ja Lee, *see* Lee Ok Ja.
- Old age assistance, cost standards for basic needs and percent of standards met, tables, revised pages, 7334
- Old-age, survivors, and disability insurance:
  - cash benefits to persons aged 65 or over, 1948-68, and May 1968 concurrent receipt, 7331
  - termination experience of disabled worker benefits under OASDI, 7457
- Older persons, *see* Aged.
- Older workers, *see* Labor.
- Olds, G. V., digital computer system for signal analysis, 7385
- Oleoresins, assessing potential yields of slash pine progenies at juvenile ages, 7012
- Ollerhead, John B., description of helicopter rotor noise computer program, 6454
- Olson, Pauline T., use of army school samples in estimating ACB test validity, 6447
- Omaha, Neb., area wage survey, 7179
- Operation Golden Eagle, 1969 directory of Federal recreation areas requiring entrance and user fees, 7393
- Operations (surgical), *see* Surgery.
- Opinions, *see* names of courts, etc., rendering opinions.
- Optimal processes, optimal 3 dimensional launch vehicle trajectories with attitude and altitude rate constraints, 7287
- Orange juice, frozen concentrated, futures trading and open contracts, 6552
- Orbits:
  - earth, future orbital missions, effects of cloud cover on selection of recovery sites, 7288
  - lunar orbit determination, accuracy effect of gravitational-model selection from short data arcs, 7278
- Ordinates, *see* Coordinates.
- Organic compounds, synthetic chemicals, production and sales, miscellaneous chemicals, 7542
- Organisms, graph theory applied to aquatic organism communities, USSR study, 7132
- Organization of African Unity, 7489
- Organochlorine pesticides in environment, 7473
- Oscillations:
  - continuity-equation plasma, oscillation to pulsars and other periodic astrophysical phenomena, possible applications, 7264
  - lateral cable, of cable-connected space stations, 7279
  - thin airfoils oscillating near stall—
    - data report, 6460
  - wind tunnel tests, summary and evaluation, 6459
- Outdoor recreation, *see* Recreation.
- Outer space:
  - aerospace:
    - rations, computer programming of, 6418
    - code of Federal regulations, 6954
  - research, investigation—
    - authorization, report, 6652
    - expenses, report, 6678
  - space geodesy altimetry study, 7234
  - space research programs, earth resources, cooperative research in remote sensing for earth surveys, agreement with Mexico, 7497
- see also* Life support systems—also headings beginning Space.

# INDEX

Outpatient services, *see* Clinics.  
 Overseas business reports, 6540-43  
 Overtime, *see* Hours of labor.  
 Oxide cathodes, *see* Cathodes.  
 Oxides, *see* Oxides by name, e.g. Sulfur oxide.  
 Oxygen :  
   effects of losses on magnetic and crystallographic properties of spinel lithium ferrite, 7307  
   factors for phytoplankton blooms and effects on dissolved oxygen in Duwamish River estuary, Seattle, Wash., 7061

**P**

PA series, 6394-98  
 Pacific Islands Trust Territory, *see* Trust Territory of Pacific Islands.  
 Pacific Northwest, *see* Northwest (U.S.).  
 Pacific Ocean :  
   Aleutian abyssal plain, SEAMAP deep-sea channel, 6917  
   northeastern—  
     fisheries off United States coast, agreement with USSR, 7517  
     fishing operations, agreement with USSR, 7518  
     western, lights and fog signals, list, 7373  
 Pacific Oceanographic Laboratories, ESSA technical report ERL-POL series, 6917  
 Packaging :  
   how to pack and wrap parcels for mailing, 7399  
   plastics packaging, structure, growth patterns and prospects, 6486  
 Pakistan, economic trends and their implications for United States, 7109  
 Paleontology, contributions to paleontology (series), 7055  
 Pallets (material handling) :  
   wooden, 1965, Defense Department market, requirement, etc., 7021  
 Pamphlets, *see* names of departments, etc., issuing pamphlets.  
 Panel on Science and Technology, 10th meeting, proceedings, 6730  
 Paper, manufacturing & printing, industry trend, 6484  
 Papers, *see* Records.  
 Paralyzed Veterans of America, legislative recommendations 1969, hearings, 6731  
 Parameters, affecting firing time of simultaneously triggered trigatron spark gap switches, 7263  
 Paraplegics, veterans, housing program, modify eligibility requirements, reports, 6764  
 Parasites, internal parasites of hogs, preventing and controlling, 6378  
 Parawings, *see* Wings (aircraft).  
 Parcel post, mailing, how to pack and wrap parcels for, 7399  
 Parents, parent and child centers, guide for development, 6849  
 Parker, Lee W., theory of circular planar (guarding) Langmuir probe, 6914  
 Parking of vehicles, parking on House side of Capitol, select committee to regulate, create, report, 6663  
 Parks, *see* National parks.  
 Particles :  
   coated cermet of uranium nitride and tungsten or molybdenum, fabrication, 7294  
   with refractive index 1.5, tables of m/e scattering functions, 7252  
 Parts, machine parts, trade and tariff information, summaries, 7541  
 Passports, United States, fees charged by foreign countries for visas, list, 7453  
 Paste, neat portland cement pastes and concretes, shrinkage, interrelations between cement and concrete properties, 7319

Pastures, productivity of crested wheatgrass as influenced by nitrogen fertilization and alfalfa, 6401  
 Patchen, Glenn O., effects of vent holes on strength of fiberboard boxes and fruit cooling rate, 6357  
 Patent Office, classification definition series, 7394  
 Patents :  
   Eastern Utilization Research and Development Division, list, 6364  
   patenting mining claim on Federal lands, basic procedure, 7191  
 Patients, outpatient psychiatric, provisional movement data, United States, 7424  
 Patterson, Viola W., FAA air traffic activity, 1968, calendar year, 6926  
 Paulson, D. L., electrical resistivity of hyperstoichiometric zirconium carbide materials, 6475  
 Pavements :  
   airfield flexible pavements, Air Force, 6442  
   grooving and traction studies, 7247  
 Paving, *see* Pavements.  
 Pay, *see* Wages.  
 Pay, allowances, etc., per diem payments to prospective crew members of ships under construction in New Orleans, La., Navy Dept., GAO report, 7031  
   *see also* Travel.  
 Payloads, scientific rocket payloads, Hall-effect magnetometers, 6919  
 Payments, public assistance money payments to persons aged 65 or over, 1948-68 and May 1968, concurrent receipt, 7331  
 Peddle, Norman, magnetic results, South Pole-Queen Maud Land, Traverse 1, 6526  
 Peking, China, Peking's approach to negotiation, selected writings, 6736  
 Pennsylvania anthracite, *see* Coal.  
 Pennsylvaniaian period, early Pennsylvaniaian ammonoids from southern Nevada, 7055  
 Pensions, selected plans under collective bargaining, spring 1968, digest, 7172  
 Pep pills, *see* Amphetamines.  
 Perception :  
   peripheral vision cues during instrument flying tasks, pilot response, 6481  
   stereoscopic and resolution acuity with varying field of view, 7201  
 Perez de Lanio, Olga C., *see* Lanio, Olga C. P.  
 Perkinson, Leon B., economic survey of northern Lake States region, statistical supplement, 6855  
 Permanent Subcommittee on Investigations, *see* Government Operations Committee, Senate.  
 Permits, *see* classes of persons to whom, or subjects for which permits are issued.  
 Perry Preschool Project, Ypsilanti, Mich., 6893  
 Persian Gulf, lights and fog signals, list, 7373  
 Personal property, Federal surplus, for health, educational and civil defense purposes, how to acquire, 7065  
 Personnel management, *see* Administrative management.  
 Peru, fishmeal industry, 6996  
 Pesticides :  
   organochlorine, in environment, 7473  
   residues in foods, analytical manual, errata, 6995  
 Peters, Richard A., dynamics of vestibular system and their relation to motion perception, spatial disorientation, and illusions, 7239  
 Petrusek, Donald W., stress-rupture and tensile properties of refractory-metal wires at 2000° and 2200° F, 7297  
 Petroleum :  
   control of discharges in navigable waters, hearings, 6503  
   discharged from vessels control, hearings, 6728  
   international petroleum annual, 7209

Petroleum—Continued

- oil spillage, Santa Barbara, Calif., hearing, 6729
- rotary coring of Appalachian area oil-producing formations with mud or air, 7212
- theoretical relationship between density and oil yield for oil shales, 7218
- Phase diagram, for KF-YF<sub>3</sub> system, 7216
- Philippines:
  - area handbook, 6437
  - atomic energy cooperation for civil uses, application of safeguards by IAEA, agreement, 7492
  - customs, free entry privileges to dependents of personnel assigned to South Viet-Nam, agreement, 7496
  - economic trends and their implications for United States, 7110
- Phillips, Bert, on design of acoustic liners for rocket engines, Helmholtz resonators evaluated with rocket combustor, 7304
- Phosphates:
  - fertilizer supply, 6365
  - phosphate operation, Florida, waste disposal costs, 7207
- Photochemistry, and concentration measurements, line emission sources, 7325
- Photoelectric emission, satellite ion-electron collector, experimental effects of grid transparency, photoemission, and secondary emission, 6913
- Photogrammetry, Alaska research studies and interpretive results, 6528
- Photons, low-energy, photon spectrometers, lithium-drifted silicon detectors, 7258
- Photosynthesis, mechanisms, USSR research, 7129
- Phototubes, multiplier, exposed to spatial radiations, degradation, 7238
- Physical chemistry, electrical resistivity of hyperstoichiometric zirconium carbide materials to 2,000° C, 6475
- Physical education and training, pilots, physical training significance, 6415
- Physicians:
  - and Project Head Start, 6846
  - disability evaluation under social security, handbook, 7464
  - make your practice perfect, join Air Force Reserve, 6414
  - medical research institutions named after medical men, 7351
  - medical residences and internships and hospitals, Public Health Service, 7422
- Physiology:
  - physiological research on human tumbling, 6417
  - physiological studies on Clostridium botulinum, type F, progress report, 6472
- Phytoplankton, factors for phytoplankton blooms and effects on dissolved oxygen in Duwamish River estuary, Seattle, Wash., 7061
- Pickering, R. J., distribution of radionuclides in bottom sediment of Clinch River in eastern Tennessee, 7050
- Pierce, William S., factors influencing low-cycle crack growth in 2014-T6 aluminum sheet at -320° F (77K), 7298
- Piezoelectricity, high-pressure piezoelectric ceramic transducer, USRD type F43, 7389
- Pigs, see Swine.
- Pile driving, see Piles and pile driving.
- Piles and pile driving, strength evaluation of round timber piles, 7019
- Pilot guides, see Coast pilot.
- Pilots and pilotage:
  - peripheral vision cues during instrument flying tasks, pilot response, 6481
  - physical training significance, 6415
  - pilot-controlled descents of an advanced Apollo spacecraft with all-flexible parawing, fixed-base visual simulation, 7255
- Pinch, see Plasma.

Pine:

- assessing potential oleoresin yields of slash pine progenies at juvenile ages, 7012
- loblolly, row thinnings in pine plantations of eastern Maryland, ten-year effects, 7008
- pine seedworm, field screening of insecticides for control, 7013
- southern, attacks by black turpentine beetle and *Dorycteria amatella*, 7017
- Pine seedworm, see Moths.
- Pink bollworm, see Bollworms.
- Pipe lines, gas and liquid pipeline safety, hearing, 6720
- Pipirigos, G. N., Chinle (Upper Triassic) and Sundance (Upper Jurassic) formations in north-central Colorado, 7045
- Pitch, perception of pitch in white noise mask, 7197
- Plankton, see Phytoplankton.
- Planning:
  - cooperative area manpower planning system, concentrating manpower services against poverty, 7163
  - coordinated data system for highway planning, 7436
- Plantations, loblolly pine, eastern Maryland, ten-year effects from row thinnings, 7008
- Planting, see Crops.
- Plants:
  - factors for phytoplankton blooms and effects on dissolved oxygen in Duwamish River estuary, Seattle, Wash., 7061
  - foliage, production and sales, etc., 7529
  - inventory, materials received by New Corps Research Branch, 6363
  - systematic studies, title page and contents, 7354
- Plants (industrial):
  - egg grading and processing plant for high-volume production, 6384
  - equipment handbook—
    - aircraft maintenance and repair shop specialized equipment, 6827
    - miscellaneous machine tools, 6829
    - rubber and plastics working machinery, 6828
  - see also types of industrial plants.
- Plasma:
  - accelerator with magnetic field arranged to produce divergent-nozzle effect, 7289
  - continuity-equation plasma oscillation to pulsars and other periodic astrophysical phenomena, possible applications, 7264
  - influence of interelectrode distance on stability of straight pinch in quadrupole high-frequency field, 6466
  - insulin, coated charcoal radioimmunoassay for, 6420
- Plastics:
  - plastics packaging, structure, growth patterns and prospects, 6486
  - shipments of selected products, 1967, current industrial reports, 6499
  - working machinery, industrial plant equipment handbook, 6828
  - see also names of articles made from plastics.
- Platinum, platinum-group metals, mineral industry surveys, annual, preliminary, 7211
- Playgrounds, children's play areas and equipment, Army technical manual, 6441
- Plugs, plug and shroud geometry variables, effect on plug-nozzle performance at transonic speeds, 7275
- Plywood:
  - plant glue wastes disposal, progress report, 6988
  - prices, investigation, authorization, report, 6666
- Podesta, Robert A., nomination, hearing, 6802

# INDEX

Poisson's ratio, transformations of elastic constants for anisotropic media by successive simple rotation, 7214  
 POL, *see* Pacific Oceanographic Laboratory.  
 Poland, agricultural commodities, agreement, 7494  
 Polar regions, *see* Arctic regions—Antarctic regions.  
 Poles, sectional aluminum poles improve length measurements in standing trees, 7014  
 Political advisers to U.S. military commanders, analysis and assessment, 6787  
 Politics:  
     political advisers to U.S. military commanders, analysis and assessment, 6787  
     political institutions, and water resources policy, report panel on needed research, 6943  
 Polyester resins, *see* Resins.  
 Polymers and polymerization:  
     polymer solutions, light-scattering data from, analysis, 7305  
     polymeric materials, Raman spectroscopy, 7387  
 Polynomials, representation of carbon dioxide and water vapor transmission, 6920  
 Polystyrene, boxes for shipping ice-packed poultry, cost and performance, 6383  
 Poor, emergency food and medical services, OEO, 6852  
 Population:  
     census, 1790-1890, price list of microfilm copies of schedules, erratum, 7313  
     current population reports—  
         consumer income, series 6501-2  
         population characteristics, series, 6500  
     methods for measuring changes, systems analysis summary, 7431  
     New Florence—  
         case study for 1970 censuses of population and housing action-oriented census program concepts, 6505  
         initial decisions, 6504  
         pretesting, 6506  
 Porosity, of protective films on mild steel, 7386  
 Porter, Bernard, phase diagram for KF-YF, system, 7216  
 Ports, port series, 6906  
     *see also* names of ports or places where located.  
 Post Office and Civil Service Committee, House:  
     hearings, 6726-27  
     investigations and studies, authorization, reports, 6644, 6656  
 Post Office Department:  
     criteria for use in planning new facilities, CR series, 7398  
     postal system reform, 6579  
     poster, commemorative stamp, 7396-97  
     *see also* Postal service.  
 Post offices, *see* Postal service.  
 Postage stamps:  
     commemorative—  
         6-cent Grandma Moses American folklore (poster), 7396  
         6-cent W. C. Handy (poster), 7397  
         12-cent Henry Ford dedication (address), 7395  
 Postal carriers, *see* Mail carriers.  
 Postal Laboratory Mail Preparation Line, economic evaluation, 7398  
 Postal service:  
     Armed Forces—  
         Europe, on site inspection, report, 6657  
         overseas, mailing privileges, provide additional free letter mail and air transportation mailing privileges, hearing, 6726  
     Postal Laboratory Mail Preparation Line, economic evaluation, 7398  
     State postal maps, 7401-2

Postal service—Continued  
     *see also* Mail carriers.  
 Postal system reform, 6579  
 Posters:  
     DOD-P series, 6427  
     Forest Service, how a tree grows, 7002  
     Post Office Department, commemorative stamps, 7396-97  
 Potash, fertilizer supply, 6365  
 Potassium, liquid, solubilities of vanadium, titanium, and zirconium, 7270  
 Potatoes, golden nematode, description, control, etc., 6396  
 Potomac River and Valley, Nation's river, pollution (remarks), 7091  
 Poultry:  
     establishments, guidelines for implementation of sanitary requirements, 6814  
     farm management, 6377  
     home canning, 6380  
     ice-packed, polystyrene boxes for shipping, cost and performance, 6383  
     market statistics, 1968, annual summary, 6400  
     USDA grades, how to buy, 6394  
 Poverty:  
     antipoverty programs, administration, message from the President, 6575  
     manpower services concentrated against poverty, 7163  
 Powders:  
     mixed, cermet of uranium nitride and tungsten or molybdenum, fabrication, 7294  
     thermal conduction through evacuated idealized powder over temperature range of 100°-500° K, 7260  
 Power, Richard F., relief, 6742  
 Power:  
     hydro-thermal power, 10-year program for Pacific Northwest, 6485  
     power aspects of Tocks Island dam, Delaware River basin, hearings, 6801  
     *see also* Electricity.  
 Precipitation, hardening of steels and superalloys, effect of ultrasonic vibration, 7292  
 Prepare yourself for postal examination, mail handler, distribution clerk, mail carrier, 6524  
 Preschool children, *see* Children.  
 President of United States:  
     Atlantic consultation, President Nixon in Europe, 7482  
     economic report—  
         hearings, 6565  
         report, 6700  
     election, amend Constitution relating to electoral college reform, hearings, 6722  
     electoral college system reform, 6577  
     foreign relations report (text of press conference), 7485  
     message, *see* in main alphabet, subject of message.  
     salary, increase, law, 6561  
     statement, Mar. 14, 1969, 7486  
 President's Commission on Crime and Regional Aspects of Crime Problem, recommendations, implement, hearings, 6781  
 President's Commission on Crime in District of Columbia, law enforcement in National Capital, suggestions for implementing, committee print, 6780  
 President's Council on Youth Opportunity:  
     developing youth opportunity programs, 7403  
     summer '68 activities, 7407  
     youth coordinators, manual, 7404  
 President's General Advisory Committee on Foreign Assistance Programs, report, 7121  
 President's Water Pollution Control Advisory board, 6989



**Pressure:**

experimental pressure distributions on 120° cone at Mach numbers from 2.96 to 4.63 and angles of attack from 0° to 20°. 7257

gradients of compressible turbulent boundary layers, calculation, 7237  
high pressure piezoelectric ceramic transducer, USSR type P43, 7389

Prevention of accidents, *see* Accidents.

**Prices:**

crop values, season average prices, value of production, 7528  
*see also* names of commodities.

Primates, radiosensitivity, stress response as predictor, 6419

Prince William Sound, earthquake of 1964 and aftershocks, research studies and interpretive results, geodesy and photogrammetry, 6523

Principal officials in executive branch, 6972  
Printers, journeymen in printing crafts, examination announcement, 6522

**Printing:**

crafts, journeymen, examination announcement, 6522  
paper manufacturing & printing, industry trend, 6484

Printing Joint Committee, committee print, 6733

Private Law, International Institute for Unification, *see* International Institute for Unification of Private Law.

Probes, *see* Electric probes.

Processing of food, *see* names of foods processed.

Procurement, *see* Army—Defense Department—Military supplies—*also* names of commodities procured.

Produce, *see* Agricultural products.

**Production:**

distribution problems, USSR study, 7144  
industrial mobilization production planning manual, 6837

*see also* names or classes of commodities.  
Professional equipment, temporary importation, customs convention, 7512

Professional papers, Geological Survey, 7050-57

Professional workers, State agricultural experiment stations and other cooperating State institutions, list, 6371

Program aid series, 6394-98

**Programmed instruction:**

elementary program in compensatory education—  
Intensive reading instructional teams, Hartford, Conn., 6870  
tutorial reading project, Indianapolis, Ind., 6872

**Programming (planning):**

Army, comptroller, role, in programing, budgeting, and accounting and reporting (PBAR) system, 6433  
program information, cancer chemotherapy reports, 7341

**Project Apollo (man-in-space program):**

management controls of quality assurance system for Apollo, review of program, GAO report, 7035  
scientific experiments for Apollo Telescope Mount Project, 7250

Project Concerna, Hartford, Conn., 6873

**Project Head Start:**

physician and Project Head Start, 6846  
program, administration, message from the President, 6575

Project R-3, San Jose, Calif., 6901

Project Skywater (atmospheric water resources program):  
annual report—  
contractor reports, 7440  
summary, 7439

Projections of educational statistics to 1977-78, 6896

Propaganda, *see* Communism.

Propagation, and damping of sound vibrations on ships, USSR study, 7153

Property, *see* Personal property—Public property—*also* Real estate.

Protective coatings, *see* Coating materials.

**Protective shelters:**

fallout shelters, home, outside concrete shelter, 6516  
protection against means of mass destruction, USSR study, 7127

Proteins, serum, estimation by quantitative densitometry after gel electrophoresis, 6421

Proton beams, large area proton beams for radiobiologic research from NASA-SREL synchrocyclotron, 6416

Psychiatric clinics, *see* Clinics.

Psychiatric patients, *see* Mentally ill.

**Public assistance:**

AB and APTD, aid to blind or disabled people, programs, 6465

AFDC study, 1967, preliminary report from mail questionnaire, 7330

costs of State and local administration, services and training, 7335

medical assistance financed under public assistance title of social security act, 7353

money payment to persons aged 65 or over, 1948-68 and May 1968, concurrent receipt, 7331

Public contracts, *see* Government contracts.

**Public debt:**

increase in ceiling—

hearing, 6783

reports, 6660, 6687

statutory ceiling, revise, 6578

Treasury Department circulars, 7540-7550

Public Documents Division, price lists, 7409-10

Public facilities, requirements over next decade, hearings, 6567

Public Health Conference on Records and Statistics, 1970 census and vital and health statistics, study group report, 7432

Public Health Service:  
hospitals, medical residencies and internships, 7422

research grants index, 7346

Public housing, *see* Housing.

Public information, utility companies, subject to utility consumers counsel act of 1969, hearings, 6789

**Public lands:**

patenting mining claim on Federal lands, basic procedure, 7191

SBA services for concessioners on Federal lands, 7448

Public laws, *see* Law.

**Public property:**

management, code of Federal regulations, 6968-70

mechanized supply and accounting procedures for office of United States property and fiscal officers (USPFO), 7339

Public schools, *see* Schools.

Public utilities, utility consumers' counsel act of 1969, hearings, 6789

Public Welfare, aid to blind or disabled people, AB and APTD programs, 6465

Public Works Committee, House:

hearings, 6728-29

investigations and studies, authorization, report, 6651

report, 6696

Public Works Committee, Senate:

hearings, 6799-6803

report, 6736

Publications, *see* Government publications—*also* names of departments, etc., issuing publications—*also* subjects.

Puerto Rico, east-central, changes in stratigraphic nomenclature in Cretaceous system, 7046

Pullen, Edward J., hydrological conditions in Clear Lake, Tex., 6551

# INDEX

- Pulsars, pulsars and other periodic astrophysical phenomena, possible applications of continuity-equation plasma oscillation, 7264
- Pulse waves, staggered pulse trains or spectra, eliminating radar ambiguities by processing, 7379
- Pumps:
- axial-flow pump in 1500° F (1089K) liquid sodium, performance and cavitation damage, 7296
  - low area ratio water jet pumps having throat lengths of 3.54 diameters, non-cavitation and cavitating performance, 7272
  - lubrication with some polyphenyl ethers and superrefined mineral oils in 600° F (316° C) inerted vane pump loop, 7273
- Purchasing:
- food, how to use USDA grades in buying, 6394
  - institutional meat purchasing specifications approved by USDA, fresh beef, 6815
- Putzel, Henry, Jr., United States reports cases adjudged in Supreme Court, 7538

## Q

- Quadrature components, statistical characteristics of quadrature components of signals reflected from randomly rough surface, USSR study, 7130
- Quality assurance, Apollo program, review of certain management controls of quality assurance system, GAO report, 7035
- Quartz, separation from granite, 7215
- Questions and answers, Gun control act of 1968, 7098
- Quimby formation, Quimby and Greenvale Cove formations in Western Maine, 7044
- Quinn, James L., relation between effectiveness ratings and selected characteristics of rating dyads, 6402

## R

- Radar:
- ambiguities, eliminating by processing staggered pulse trains or spectra, 7379
  - antiradar camouflage techniques, USSR study, 7138
  - NRL terrain clutter study, 7381
  - radar and surface mesonet network data analysis of structure and movement of severe thunderstorms of Apr. 3, 1964, 6911
  - theory and practice, inquiries, USSR study, 7133
- Radar stations, USSR, coastal, possible use of graphecon in information-transmission systems, 7149
- Radiation:
- radiosensitivity in primates, stress response as predictor, 6419
  - satellite radiation measurements, of atmosphere's geopotential height distribution, statistical estimation, 6921
  - spatial, degradation of multiplier phototubes exposed, 7238
- Radiation biology, *see* Radiobiology.
- Radiation monitoring, thermal flux monitor at high temperatures, use of tungsten-184, 7283
- Radiators, caps, Federal item identification guide, 6833
- Radio apparatus and appliances, radio equipment producing mutual interference in ultra-short wave band, determination of spatial and frequency separation, USSR study, 7146
- Radio broadcasting, fairness doctrine of FCC, legislative history, staff study, 6721
- see also* Radio stations.

- Radio equipment, *see* Radio apparatus and appliances.
- Radio frequencies:
- allocation, and its effect on small business report, 6645
  - spatial and frequency separation between radio equipment producing mutual interference in ultra-short wave band, determination, USSR study, 7146
- Radio interference, spatial and frequency separation between radio equipment producing mutual interference in ultra-short wave band, determination, USSR study, 7146
- Radio operators, amateur, alien, agreement authorizing operation in U.S. and Monaco, 7504
- Radio propagation, *see* Radio waves.
- Radio stations:
- AM-FM broadcast financial data, 6941
  - amateur alien, agreement authorizing operation in U.S. and Monaco, 7504
  - telecommunication, pre-sunrise operations of certain standard (AM) radio broadcasting stations, agreement with Canada, 7508
- Radio waves:
- short term radio propagation forecasts for southeast Asia, 6915
  - ultra-short wave band determination of spatial and frequency separation between radio equipment producing mutual interference, USSR study, 7146
- Radioactivity, fallout protection for hospitals, 7419
- Radiobiology:
- large area proton beams for radiobiologic research from NASA-SREL synchrocyclotron, 6416
  - radiosensitivity in primates, stress response as predictor, 6419
- Radiolimmunoassay, coated charcoal, for plasma insulin, 6420
- Radioliodine, *see* Iodine isotopes.
- Radioliodines, *see* Isotopes.
- Radiological health, *see* Health.
- Radiometers, measurements of water surface temperature, USSR study, 7134
- Radionuclides:
- in bottom sediment of Clinch River, eastern Tennessee, distribution, 7050
  - transport of radionuclides by streams (series), 7050
- Railroad Adjustment Board, *see* National Railroad Adjustment Board.
- Railroads:
- Army rail transport operations, field manual, 6432
  - industry safety problems (remarks), 7365
- Raman spectrum, *see* Spectra.
- Ramey, James T.:
- remarks—
  - Feb. 15, 1968, 6479
  - Nov. 18, 1968, 6478
- Randolph, J. R., bibliography of hydrology, 1964, of United States and Canada, 7060
- Range finders, range design, civil engineering report, 6535
- Range lands, and wildlife habitat publications issued in 1967 by Forest Service research personnel and cooperators, 7007
- Ratings, relation between effectiveness ratings and selected characteristics of rating dyads, 6402
- Rations, aerospace, computer programing, 6418
- Rawcliffe, Bethany V., cancer chemotherapy reports part 3, program information, 7341
- Reactors (atomic):
- cylindrical reactor fuel pin for clad stress caused by fission gases, analysis, 7306
  - nuclear reactors built, being built, or planned in U.S., 6470

## Reading:

- elementary centers, Milwaukee, Wis., elementary program in compensatory education, 6869
- intensive reading instructional teams, Hartford, Conn., elementary program in compensatory education, 6870
- programmed tutorial reading project, Indianapolis, Ind., elementary program in compensatory education, 6872
- this changing world, reading guide for the General Sessions, 7491

## Real estate:

- Federal surplus, for health and educational purposes, how to acquire, 7065
- minimum property standards low cost housing, 7070
- owned by U.S. throughout world, inventory report, 7039

Real property, *see* Real estate.

## Recipes, apples in appealing ways, 6381

## Records:

- employers, kept under Fair labor standards act, 7561
- Government departments, etc., disposition, report, 6643
- groups in National Archives and Federal centers, list, 7314
- item logistics data records, standard guides for preparation of proposed, etc., 6930
- see also* names of departments, etc., *also* subjects.

## Recovery zones, for future earth orbital missions, effects of cloud cover on selection, 7288

## Recreation:

- outdoor—
- catalog of research projects in Agriculture Dept. and State agricultural experiment stations and forestry schools, 6819
- Federal areas, requiring entrance and user fees, 1969 directory, 7393
- grants-in-aid manual, 7392

## Recreational areas and demonstration projects, Federal recreation areas requiring entrance and user fees, 7393

## Red Sea, lights and fog signals, list, 7378

## Redevelopment (city planning, etc.):

- urban renewal handbook, 7071-75

## Reed, John H., remarks, Mar. 20, 1969, 7365

## Reemnyder, Dean C., performance and cavitation damage of axial-flow pump in 1500°F (1089K) liquid sodium, 7296

## Reflection (radio):

- statistical characteristics of quadrature components of signals reflected from randomly rough surface, 7130

Reform of Federal Criminal Laws, National Commission on, *see* National Commission on Reform of Federal Criminal Laws.Refractive index, tables of m<sub>l</sub> scattering functions for particles with refractive index 1.5, 7282Refractory metals, *see* Metals.Refugees, *see* names of refugees.

## Refuse:

- landfill in Hunting Creek, Va., permit—a debacle in conservation report, 6694
- hearing, 6716

## Registers:

- Army Material Command, approved recurring reports, 6428
- Federal Water Pollution Control Administration project register, distribution by river basin of projects approved, 6990

Registration, *see* subjects.Regulations, *see* Code of Federal regulations—*also* names of departments, etc., issuing regulations—*also* subjects.

## Rehabilitation of criminals, final reports under correctional rehabilitation study act of 1965, extend time for filing, 6684

## Rehabilitation of the disabled:

- facilities, standards, 7466
- vocational, aphasia patient, problems, 7441
- vocational rehabilitation act, compilation committee print, 6798

## Reigle, Norman J., Jr., bottom trawl explorations in Lake Superior, 6647

Relay, *see* Satellites.

## Relief work:

- disaster relief, status of funds, report, 6584
- relief supplies and packages, agreement with India, 7499

## Remote sensing, earth resources, cooperative research in remote sensing for earth surveys, agreement with Mexico, 7497

## Renegotiation Board, notice conversion table, renegotiation rulings, bulletins, 7442

## Repair parts, aircraft certification procedures for products and parts, Federal aviation regulations, change, 6928

## Repairing, control over repairs of electronic components and assemblies, Navy Dept., GAO review, 7027

Repairs, *see* Repairing.

## Repas, David S., description and evaluation of digital-computer design analysis program for homopolar inductor alternators, 7261

## Report on our foreign relations, 7485

Reports, *see* names of departments, etc., issuing reports—*also* subjects.

## Research:

- and development progress, Maritime Administration, 7196

## career development program, research and education in medicine, 7556

## funds, State agricultural experiment stations and other State institutions, 6818

*see also* names of departments, etc., doing research—*also* subjects.

## Research and development report Atomic Energy Commission, 6466-75

## Research notes Forest Service 7008-18

## Research papers, Forest Service, 7019-21

## Research reports:

- National Commission on Urban Problems, 7405-6
- Social Security Administration, 7459

## Reserve Officers' Training Corps, Army,

## Army ROTC scholarship program, 6430

## Reserves (accounting):

- linking reserve creation and development assistance, staff study, 6566

## Reservoirs, echosounder used in measuring distribution of reservoir fishes, 7475

*see also* names of reservoirs.Resident physicians, *see* Physicians.

## Resins:

- epoxy, boron-epoxy and glass-epoxy filament-wound cylinders, mechanical behavior, under various loads, 7256

## epoxy or polyester resin concrete in tensile zone of composite concrete beams, 6910

*see also* Oleoresins.Resistance, *see* Electric resistance.Resolutions, *see* Law.

## Resonance, resonant mode analysis of the Fitzgerald apparatus, 7277

## Resonators, Henholtz, evaluated with rocket combustor, design of acoustic liners for rocket engines, 7304

## Resource publications (series), 7470-72

## Respiration, external, change of indices of human subject during weightlessness, USSR study, 7139

## Restaurants, lunchrooms, etc., eating and drinking places industry, 6904

## Retail trade, census of business, area statistics, 6493-94

## Retirement:

- test, under social security amendments of 1967, report, 6570

## your social security, 7462

*see also* Civil service pensions.

# INDEX

Reveille for volunteers, 6898  
 Rewards (prizes, etc.):  
   Armed Forces decorations and awards (poster), 6427  
   associate degrees and other formal awards below baccalaureate in higher education, 6867  
   United States Navy and Marine Corps awards manual, 7391  
 Rhodes, J. R., X-ray analysis using radioisotope sources, 6469  
 Rhodes, Marvin D., calorimetric evaluation of two cone-column solar-energy concentrators, 7281  
 Rice, situation, 6864  
 Richards, Alan M., perception of pitch in white noise mask, 7197  
 Ridgley, D. H., effects of lithium and oxygen losses on magnetic and crystallographic properties of spinel lithium ferrite, 7307  
 Rigging, military floating and fixed aluminum bridges, airdrop of supplies and equipment, 6443  
 The ripples reach all shores, 6848  
 Risse, Lawrence A., cost and performance of polystyrene boxes for shipping ice-packed poultry, 6583  
 Rivers:  
   improvements, laws relating to, compilation, 6569  
   water resources of windward Oahu, Hawaii, 7064  
 Roads and highways:  
   coordinated data system for highway planning, 7436  
   Federal aid highway act of 1968, equal employment opportunity provision, implementation—  
     hearings, 6799  
     report, 6736  
   highway planning technical reports, 7435-36  
   highway trust fund, financial condition and operations, annual report, 6580  
   interstate system, highway transportation needs after building the interstate (remarks), 7457  
   roadside market, building plan, 6391  
   traffic corridors, test comparison between functional and volume concepts of delineating, 7435  
 Roadsides, *see* Roads and highways.  
 Roberts Victor Mine, South Africa partially melted kyanite eclogite from, 7454  
 Robinson, David J., dynamic analysis of permanent magnet stepping motors, 7271  
 Robinson, Donald C., misalignment detector for axial loading fatigue machines, 7328  
 Rockets:  
   engines, design of acoustic liners, Helmholtz resonators evaluated with rocket combustor, 7304  
   FW-4D solid-propellant motor on Delta 50 (AIMP-E), flight performance, 7249  
   rocket payloads, scientific, Hall-effect magnetometers, 6919  
 Roentgenography, survey of 170 submariners, extra-alveolar air resulting from submarine escape training, 7198  
 Rogler, George A., pasture productivity of crested wheatgrass as influenced by nitrogen fertilization and alfalfa, 6401  
 Romney, George, address, Mar. 11, 1969, 7068  
 Roofing, performance of roofing made with Asplund felts, 7326  
 Roses, production and sales, etc., 7529  
 Rosow, Jerome M., nomenclature, hearing, 6797  
 Rotary drills, *see* Drills (tools).  
 Roth, J. Reece, possible applications of continuity-equation plasma oscillation to pulsars and other period astrophysical phenomena, 7264  
 Rotor planes, *see also* Helicopters.

Rotors:  
   helicopter rotor noise computer program, description, 6454  
   helicopter, studies of noise, 6453  
   high-performance turboalternator, 7230  
   semirigid full-scale, operating at high advance ratios, wind tunnel investigation, 6461  
 Rough, Robert L., rotary coring of Appalachian area oil-producing formations with mud or air, 7212  
 Roughness, *see* Surfaces.  
 Rowland, J. A., copper in 1967, supplement, 7204  
 Rubber, working machinery, industrial plant equipment handbook, 6828  
 Ruggiero, Cosmina, relief, 6610  
 Rules and Administration Committee, Senate, reports, 6751-52, 6756-59, 6761, 6772  
 Rules Committee, House:  
   investigations and studies, expenses, report, 6667  
   reports, 6647-53, 6662, 6664-66, 6679, 6687, 6689, 6698  
 Rural communities, forest taxation and preservation of rural values in New York, 6899  
 Rural electricity, *see* Electricity.  
 Rural Electrification Administration:  
   careers, electric engineering, telephone engineering, 7443  
   publications, index, numerical list, etc., Rural Electrification Program, 7444  
 Rural telephone bank:  
   establish—  
     hearings, 6702  
     report, 6688  
 Rural telephone program, *see* Telephone.  
 Ryan, James A., analysis of light scattering data from polymer solutions, 7305

## S

Safety of life:  
   gas and liquid pipeline safety, hearing, 6720  
   glovebox window materials, fire safety application, 6474  
   highway safety program standards, 7340  
   mine safety, legislation on safety of coal mine workers, message from President, 6582  
   railroad industry problems (remarks), 7365  
   State safety code comparison studies, 7169  
 Sailing directions:  
   Central America and Mexico, east coasts, change, 7369  
   Scotland, west coast, change, 7371  
   Mediterranean, change, 7372  
   West Indies, change, 7370  
 St. Lawrence County, N.Y., talc deposit, new locality, 7041  
 St. Lawrence River and Valley, Seaway, traffic report, 7445  
 St. Lawrence Seaway, *see* St. Lawrence River and Valley.  
 St. Lawrence Seaway Authority, traffic report of St. Lawrence Seaway, 7445  
 Saint Lawrence Seaway Development Corporation:  
   audit reports, 6587, 7026  
   traffic report of St. Lawrence Seaway, 7445  
 St. Louis, Mo., air pollution, dispersion study, analysis, 7425  
 Salaries:  
   Congress members and Vice President of United States, increase salaries, report, 6656  
   House of Representative personnel, payment out of contingent fund, report, 6680  
   President of United States, increase, law, 6561  
   *see also* Wages.

Sales,  
 Salesmen,  
   Com  
 Salline,  
 Salmoe,  
   Colu  
   cl  
   pink  
 Salts,  
   via  
 Salvac  
 SAM,  
 Sampl  
   met  
   cl  
   7  
 Sana  
 Sana  
 San C  
   Pro  
   min  
 San L  
 Sando  
   677  
 Sandy  
   653  
 Sange  
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 Sanita  
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   I  
 San J  
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 Santa  
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 Sap,  
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   702  
 Sate  
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 Schi  
   sti  
 Schi  
   Co  
 Schu  
   fo  
   70

Sales, *see* names of commodities, etc.  
 Salesmen and salesmanship, how to sell to  
 Commerce Department, 6539  
 Saline water, *see* Water.  
 Salmon:  
     Columbia River, recent advances in artificial culture, 6550  
     pink, Alaska's fishery resources, 6549  
 Salts, recovery of salts from saline water via solvent extraction, final report, 7086  
 Salvador, *see* El Salvador.  
 SAM, *see* School of Aerospace Medicine.  
 Sampling (statistics):  
     methods for measuring populations changes, systems analysis summary, 7431  
 Sanano, Julieta de la Torre, relief, 6631  
 Sanano, Romeo de la Torre, relief, 6631  
 San Cristobal district, Bolivia, Villa Martin Province, Potosi, Bolivia, geology and mineral deposits, 7042  
 San Diego, Calif., area wage survey, 7183  
 Sandoval, Hilary J., nomination, hearing, 6779  
 Sandy Hook to Cape Henry, coast pilot, 6530  
 Sanger, Nelson L., noncavitating and cavitating performance of several low area ratio water jet pumps having throat lengths of 3.54 diameter, 7272  
 Sanitation:  
     consumer protection programs, sanitation handbook, 6817  
     poultry establishments, guidelines for implementation of sanitary requirements, 6814  
 San Jose, Calif., Project R-3, secondary program in compensatory education, 6901  
 Santa Barbara, Calif., oil spillage, hearing, 6729  
 Sap, maple, use of plastic tubing in production, research summary and evaluation, 7020  
 Satellites:  
     Biosatellite II, NASA facts, 7244  
     Communications act of 1962, amend—law, 6563  
         report, 6654  
     meteorological satellite data, television cloud photography, catalog, 6922  
     relay program final report, 7425  
     satellite ion-electron collector, experimental effects of grid transparency, photoemission, and secondary emission, 6913  
     satellite radiation measurements of atmospheres geopotential height distribution, statistical estimation, 6921  
 Saucier, Kenneth L., correlation of hardened concrete test methods and results, 6909  
 Sangers, biological characteristics of sauger population in Lewis and Clark Lake, 7475  
 Savings and loan associations, monetary restraints and flows of funds to savings institutions (remarks), 6976  
 SBIC industry review, 7450  
 Scabies, sheep and cattle epidemiology activities report, 6362  
 Scanners, flying-spot, use of for visual simulation image generation, 7300  
 Scanning, advanced scanning beam guidance system for all weather landing, 7539  
 Scattering:  
     light-scattering data from polymer solutions, analysis, 7305  
     mie scattering functions for particles with refractive index 1.5, tables, 7282  
 Schiffmann, Genevieve, medical research institutions named after medical men, 7351  
 Schists, graphitic schist from Tallapoosa County, Ala., recovering gold, 7221  
 Schneider, G. R., development of methods for determining ice particle size distribution from freeze desalination crystallizers, 7087

Schnellbacher, E. E., address, Mar. 26, 1969, 7118  
 Schofield, Elizabeth, relief, 6639  
 Scholarships, Army ROTC scholarship program, 6430  
 School children, *see* Children.  
 School lunches, National school lunch act, amend, reports, 6686, 6689  
 School of Aerospace Medicine:  
     aeromedical reviews, 6415  
     technical reports, 6416-21  
 Schools:  
     elementary program in compensatory education—  
         New York City—  
             after school study centers, 6868  
             more effective schools, 6871  
             school and home program, Flint, Mich., 6874  
     library resources, ESEA, title 2, annual report, 6866  
     menu planning guide for breakfast, 6813  
     public finance programs, States and outlying areas, 6897  
     special milk program, extend, report, 6691  
     volunteer programs, revelle for volunteers, 6898  
     *see also* Junior high schools—Medical schools—School lunches.  
 Science:  
     Academy of Sciences, USSR, history and work, brief account, 7156  
     cold regions science and engineering, 6431  
     Panel on Science and Technology, 10th meeting, proceedings, 6730  
         science & technology and the cities, 6730  
         scientific cooperation with Republic of China, agreement, 7319  
     Smithsonian contributions to earth sciences, 7454  
     State technical services, helping business and industry, 6544  
     *see also* names of sciences.  
 Science and Astronautics Committee, House:  
     investigations and studies, aeronautics, outer space, other scientific research and development—  
         authorization, report, 6652  
         expenses, report, 6678  
     Panel on Science and Technology, 10th meeting proceedings, 6730  
 Scientific research:  
     Armed services support, investigation expenses, report, 6669  
     research grants of PHS, 1968, index, 7346  
 Scientists:  
     scientists and related professions, examination announcement, revised, 6521  
     so you're a scientist or engineer now, career opportunities in Air Force, 6422  
 Scotland, west coast, sailing directions, change, 7371  
 Scott, Charles R., relief, 6642, 6748  
 Screwworm, eradication, Agricultural Research Service, program, GAO review, 7034  
 Scuba, *see* Aqualung.  
 Sea water:  
     and its concentrates, properties, up to 200°C, 7084  
     conversion, appropriations, 1970 program—  
         hearings, 6793  
         report, 6770  
     nuclear desalting, U.S. programs and activities, (remarks), 6480  
 Seaborg, Glenn T., remarks, Mar. 25, 1969, 6476  
 Seals and glands, shaft face seal with self-acting lift, augmentation for advanced gas turbine engines, 7303  
 SEAMAP deep-sea channel, 6917

# INDEX

- Secondary education:  
compensatory, program, 6877-78, 6899-6901  
Elementary and secondary education act—  
amendments of 1969—  
hearings, 6709  
report, 6695  
title 2, annual report, 6866  
Security, *see* National security.  
Sedimentation and deposition, radionuclides  
in bottom sediment of Clinch River, eastern  
Tennessee, distribution, 7050  
Seedlings, *see* names of plants or trees.  
Seeds, and cone insect survey on seed pro-  
duction areas, Clark, Mark Twain, and  
Shawnee National Forests, 7005  
Seedworm pine, *see* Moths.  
Sein Lin, *see* Lin, Sein.  
Seismology, seismic observation, Project Vela  
Uniform, agreement with Canada, 7525  
Selden, Armistead L., new strategy of com-  
munism in Caribbean, 6711  
Self-directive dramatization project, Joliet,  
Ill., 6875  
Self-organizing systems, bionic aspects of  
self-organization, USSR study, 7137  
Selling, *see* Salesmen and salesmanship.  
Senate Chamber, *see* Capitol.  
Senate documents, 6734-36  
Senate executive reports, 6737  
Senate reports:  
private bills, 6738-49  
public bills, 6750-74  
Senior citizens, *see* Aged.  
Senior Citizens Month, May, proclamation  
by President of United States, 6354  
Serbian language, *see* Serbo-Croatian  
language.  
Serbo-Croatian language, Foreign Service  
Institute basic course, 7490  
Sergeant, Russell L., intelligibility of helmet-  
speech as function of speech-to-noise ratio,  
7200  
Serial set (congressional), 6558-60  
Series ISP 3, 6504-6  
Servants, labor laws affecting private house-  
hold workers, 7564  
Severe Storms Laboratory, *see* National  
Severe Storms Laboratory.  
Sewage:  
discharged from vessels, control, hear-  
ings, 6728, 6803  
plywood plant glue wastes disposal, pro-  
gress report, 6988  
sewage and water works construction,  
contract awards, 6991  
waste disposal costs of Florida phosphate  
operation, 7207  
Sewerage, *see* Sewage.  
Shapley, A. H., International geophysical  
calendars, 6923  
Sharp, U. S. G., report on air and naval cam-  
paigns against North Vietnam and Pacific  
Command-wide support on the war, 6440  
Shawnee National Forest, seed and cone in-  
sect survey on seed production areas, 7005  
Shear (mechanics):  
fiber-reinforced plastic laminate under uni-  
axial, biaxial, and shear loadings, be-  
havior, 6457  
loading, oblique loading of unidirectional  
fiber composites, 6455  
Sheep:  
on feed, 7532-33  
scalable epidemiology, activities, report,  
6362  
Shekarchi, E., mineral industry of Turkey,  
7210  
Shell, Haskiel R., fluorine mica, 7203  
Shells (structural):  
sandwich conical, with fiber-reinforced  
composite facings, vibration evaluation,  
6456  
spiral generation of building shells for  
military construction, 6905  
Shelters (protective), *see* Protective shel-  
ters.  
Shipbuilding, per diem payment to prospec-  
tive crew members of ships under con-  
struction in New Orleans, La., Navy Dept.,  
GAO report, 7031  
Shipments, *see* names of articles shipped.  
Shipping:  
household goods, guide for civilian em-  
ployees of U.S. Government, 7040  
role of Federal Maritime Commission in  
shipping and shippers' problems (re-  
marks), 6946  
Ships:  
Coast Guard, authorization for procure-  
ment, hearings, 6724  
crew members, prospective, of ships under  
construction in New Orleans, La., Navy  
Dept., per diem payments, GAO report,  
7031  
electronic equipment, maintainability de-  
sign, criteria handbook for designers,  
7390  
oil discharged from vessels, control, hear-  
ings, 6728  
propagation and damping of sound vibra-  
tions on ships, USSR study, 7153  
sewage from vessels, control, hearings,  
6728, 6803  
status of naval ships, report, 6705  
*see also* Shipbuilding—also names of  
ships.  
Shipyards, fishing boat builders, list, 6548  
Shoes, *see* Boots and shoes.  
Shultz, George P., address, Mar. 26, 1969,  
7162  
Shumpert, P. K., model test of jet-induced  
lift effects on VTOL aircraft in hover,  
7233  
Siefert, Richard E., biology of white crap-  
ple in Lewis and Clarke Lake, 7475  
Sight:  
peripheral vision cues during instrument  
flying tests, pilot responses, 6481  
underwater visibility of colors with arti-  
ficial illumination, 7199  
Signals:  
digital computer system for signal analy-  
sis, 7385  
quadrature components of signals reflected  
from randomly rough surface, statistical  
characteristics, USSR study, 7130  
SIL series, 7455  
Silberling, N. J., stratigraphy of Star Peak  
Group (Triassic) and overlying lower  
Mesozoic rocks, Humboldt Range, Nev.,  
7053  
Silicon, lithium drifted, detectors as low-  
energy photon spectrometers, 7253  
Silt, effects of silt turbidity on behavior of  
juvenile largemouth bass and green sun-  
fish, 7475  
Silver, United States movements, 6509  
Simulation:  
fixed-base visual simulation of pilot-  
controlled descents of an advanced  
Apollo spacecraft with all-flexible  
parawing, 7255  
visual, image generation using flying-spot  
scanner, 7300  
Simulators:  
all-attitude air-bearing research and  
training simulator used in physiologic  
research on human tumbling, 6417  
rendezvous and station-keeping with fly  
around capability and virtual-image  
viewing, 7290  
Singapore, trade in cotton textiles, agree-  
ment, 7493  
Sioux Falls, S. Dak., area wage survey, 7177  
Sirups, two automatic sirup drawoff con-  
trollers, 6360  
Sites, *see* Historic sites.  
Skin diving, *see* Diving.  
Skins, *see* Leather, hides, and skins.  
Slash pine, *see* Pine.



Sleeving (insulating):  
electrical, Federal item identification guide, 6834  
Slip laws, *see* Law.  
Sloane, Christopher, relief, 6624  
Slutz, R. J., short-term radio propagation forecasts in southeast Asia, 6915  
Small business, *see* Business.  
Small Business Administration:  
Administrator, nomination of Hilary J. Sandoval, hearing, 6779  
crime against small business, report, 6735  
economic opportunity loan program, 7447  
publications, for sale booklets, 7451  
SBA services to forest products industries, 7449  
Small Business, Select Committee on, House:  
investigations and studies, expenses, report, 6677  
report, 6645-46  
Small Business, Select Committee on, Senate, report, 6735  
Smith, C. R., hot cycle rotor/wing composite research aircraft, 6450  
Smith, Harvey H., area handbook for Afghanistan, 6436  
Smith, John W., theoretical relationship between density and oil yield for oil shales, 7218  
Smith, William L.:  
polynomial representation of carbon dioxide and water vapor transmission, 6920  
statistical estimation of atmosphere's geopotential height distribution from satellite radiation measurements, 6921  
Smithsonian Institution:  
contributions to earth sciences, 7454  
information leaflets, SIL series, 7455  
So you're a scientist or engineer now, 6422  
Soap and soap-products, Federal test method standard, change, 6983  
Social and Rehabilitation Service, Administrator, appointment and confirmation to be made by the President, by and with advice and consent of Senate, report, 6760  
Social security:  
act, medical assistance financed under public assistance titles, 7333  
amendments of 1967, retirement test, report, 6370  
disability evaluation, handbook for physicians, 7464  
medical insurance, medicare handbook, 7463  
survey of disabled, reports, 7458  
your social security, 7462  
Social Security Administration:  
actuarial study series, 7457  
research reports, 7459  
SSI series, 7460-64  
Social service, *see* Social work and problems.  
Social work and problems:  
research relating to children, studies in progress, 6511  
social services for children and families in your State, 6510  
Sodium, liquid, at 1500° F (1089K), performance and cavitation damage of axial flow pump, 7296  
Soil conservation, Appalachian land stabilization and conservation program, 6397  
Soils:  
soil survey reports—  
Ben Hill and Irwin Counties, Ga., 7465  
Howard County, Tex., 7466  
Major County, Okla., 7467  
Solar, Angel, relief, 6743  
Solar energy, two cone-column solar-energy concentrators, calorimetric evaluation, 7281  
Solar system, international geophysical calendars, 1957-69, solar and geophysical information, 6923  
Solid wastes, *see* Waste products.  
Solids, continuum theory for elastic solid with elastic micro-inclusions, 7241

Solomon, Dale S., reliability of tree-height measurements in northern hardwood stands, 7009  
Solubility, solubilities of vanadium, titanium, and zirconium in liquid potassium, 7270  
Solvents, *see* Extraction (chemistry).  
Sonic boom, propagation in stratified atmosphere, with computer program, 7235  
Sooley, Zumrut, relief, 6623  
Sound:  
acoustic mode combustion instability, measured effects of gaseous flow system dynamics, 7265  
propagation and damping of sound vibrations on ships, USSR study, 7153  
ultrasonic vibration, effect, on precipitation hardening of steels and superalloys, 7292  
Sound recording and reproducing equipment, speech reinforcement system for Senate Chamber, authorize, report, 6772  
Sounding and soundings, *see* Echo sounding.  
South (U.S.):  
fresh fruit and vegetable unloads in southern cities, by commodities, States, etc., 6810  
South Africa, Roberts Victor Mine, partially melted kyanite eclogite from, 7454  
South America, west coast, tide tables, high and low water predictions, 6532  
South Vietnam, *see* Vietnam.  
Southeast (U.S.):  
predicting tree d.b.h. from stump measurements in Southeast, 7015  
suppression fires to control wildfires in Southeast, guidelines, 7018  
Southeast Asia, *see* Asia.  
Southern Anthracite field, west-central part, and adjoining areas, Pennsylvania, geology, 7054  
Soviet Union, *see* Union of Soviet Socialist Republics.  
SP series, *see* FMC SP series—NASA SP series.  
Space, *see* Outer space.  
Space biology, resources for teachers, including suggestions for classroom and laboratory experiments, 7243  
Space communications, satellite system, Relay program final report, 7245  
Space Disturbances Laboratory, ESSA technical report ERL-SDL series, 6918-19  
Space flight, *see* Astronautics.  
Space perception, dynamics of vestibular system and their relation to spatial orientation, 7239  
Space sciences, *see* Outer space.  
Space simulators, *see* Simulators.  
Space stations, cable-connected, lateral cable oscillations, 7279  
Space trajectories, *see* Trajectories.  
Space tumbling, *see* Tumbling.  
Spacecraft:  
Apollo—  
advanced, with all-flexible parawing, fixed-based visual stimulation of pilot-controlled descents, 7255  
models, effects of bottom-structure flexibility on water landing loads, 7280  
communications satellite system, Relay program final report, 7245  
flight performance of FW-4D solid-propellant rocket motor on Delta 50 (AIMP-E), 7249  
launch vehicles, optimal 3 dimensional launch vehicle trajectories with attitude and attitude rate constraints, 7287  
prototype lunar module landing gear, full-scale dynamic landing-impact investigation, 7251  
space vehicle testing, Soviet cosmonauts, training, 7140  
*see also* Life support systems.

# INDEX

Special Drawing Rights, *see* International Monetary Fund.  
 Specifications, *see* Government supplies—  
*also* names of departments, etc., issuing specifications.  
 Spectra:  
   Raman spectroscopy of polymeric materials, 7387  
   staggered pulse trains or spectra, eliminating radar ambiguities by processing, 7379  
 Spectrometers, low-energy photon, lithium-drifted silicon detectors, 7258  
 Spectrometry absorption, concentration measurements and photochemistry, line emission sources, 7325  
 Spectroscopy, Raman, of polymeric materials, 7387  
 Speculation, futures trading and open contracts, frozen concentrated orange juice, 6552  
 Speech:  
   and language development program, Milwaukee, Wis., elementary program in compensatory education, 6876  
   helium-speech, intelligibility as function of speech-to-noise ratio, 7200  
   reinforcement system for Senate Chamber, authorize report, 6772  
 Spinel, spinel lithium ferrite, magnetic and crystallographic properties, effects of lithium and oxygen losses, 7307  
 Spinner, Lawrence N., advanced scanning beam guidance system for all weather landing, 7539  
 Spiral generation of building shells for military construction, 6905  
 Sport Fisheries and Wildlife Bureau:  
   national survey of needs for hatchery fish, 7471  
   cooperative project, 7471  
   refuge leaflet, 7469  
   resource publications (series), 7470-72  
   special scientific reports, wildlife series, 7473-74  
   technical papers, 7475  
 Springs, water resources of windward Oahu, Hawaii, 7064  
 Spruce budworms, *see* budworms.  
 Squillace, A. E., assessing potential oleresin yields of slash pine progenies at juvenile ages, 7012  
 SSI series, 7460-64  
 Stability of aircraft, airplane model with double-delta wing, including longitudinal and lateral characteristics and ground effects, large-scale tests, 7276  
 Stall (aircraft):  
   thin airfoils oscillating near stall, wind tunnel, tests—  
     data report, 6460  
     summary and evaluation, 6459  
 Stall barns, *see* Barns.  
 Stallings, Robert L., Jr., experimental pressure distributions on 120° cone at Mach numbers from 2.96 to 4.63 and angles of attack from 0° to 20°, 7257  
 Standards and standardization:  
   Federal information processing standards—  
     publications, FIPS pubs, 7320  
     information interchange and related media standards, implementation of code 7320  
   Federal standards, 6980-82  
   Federal test method standards, 6983  
   hardware standard, interchange codes and media information interchange and related media standards, implementation of code, 7320  
   military standards, 6938-44  
   *see also* subjects.  
 Standards of Official Conduct Committee, House:  
   investigations and studies, expenses, report, 6676

Stans, Maurice H.:  
   addresses—  
     Mar. 21, 1969, 6545  
     Mar. 22, 1969, 6538  
     Mar. 24, 1969, 6546  
 STAR (special technical assistance program), *see* Technical assistance.  
 Star Peak Group, Triassic, Humboldt Range, Nev., stratigraphy, 7053  
 Star trackers, borealigned, multipurpose, design and development, 7225  
 Stars, *see* Star trackers.  
 State Department:  
   background notes, 7476-81  
   records, microcopy, pamphlet to accompany, political relations with—  
     Brazil, 7317  
     El Salvador, 7318  
   State-Defense Officer Exchange Program, analysis and assessment, committee print, 6788  
 State governments, *see* Government.  
 State postal map series, 7401-2  
 States:  
   manpower projections, development for tomorrow's needs, 7173-74  
   national survey of needs for hatchery fish, cooperative project, 7471  
   postal maps, 7401-2  
   professional workers in agricultural experiment stations and other cooperating institutions, list, 6371  
   public assistance, costs, State and local administration, services and training, 7335  
   public school finance programs, 6897  
   social services for children and families, 6510  
   solid waste planning grants and agencies, 7428-29  
   State and local government special studies, 6507  
   State safety code comparison studies, 7169  
   State technical services, helping business and industry through science and technology, 6544  
   vocational-technical education program development for persons with special needs under vocational education act of 1963, progress report, 6595  
 Statistics, statistical information, computer processing, some problems, USSR study, 7150  
   *see also* subjects.  
 Statutes, *see* Law.  
 Stecura, Stephan, solubilities of vanadium, titanium, and zirconium in liquid potassium, 7270  
 Steel:  
   ingot producers, current industrial reports, 6497  
   mild steel, porosity of protective films, 7386  
   steels and superalloys, effect of ultrasonic vibration on precipitation hardening, 7292  
 Steelhead trout, *see* Trout.  
 Stereoscopic perception, *see* Perception.  
 Stickel, Lucille F., organochlorine pesticides in environment, 473  
 Still, Reddick B., Jr., relief, 6603  
 Stoichiometry, *see* Physical chemistry.  
 Stoner, Herbert R., soil survey, Howard County, Tex., 7466  
 Stopped-stowed rotor composite research aircraft, 6452  
 Storms, *see* Thunderstorms.  
 Stowe, Richard L., strength and deformation properties of granite, basalt, limestone and tuff at various loading rates, 6907  
 Strains and stresses:  
   axial loading fatigue machines, misalignment detection, 7328  
   clad stress caused by fission gases, cylindrical reactor fuel pin for, analysis, 7306

Strains and stresses—Continued  
 fiber-reinforced plastic laminates under uniaxial, biaxial, and shear loadings, behavior, 6457  
 stress-rupture and tensile properties of refractory-metal wires at 2000° and 3200°F, 7297  
 tensile zone of composite concrete beams, use of epoxy or polyester resin concrete, 6910  
 titanium alloys, fracture toughness characterization etc., to failure-safe design structural procedures, 7383  
 Stratigraphy:  
 changes in stratigraphic nomenclature by Geological Survey, 7043  
 contributions to stratigraphy (series), 7043-46  
 Star Peak Group (Triassic) and overlying lower Mesozoic rocks, Humboldt Range, Nev., 7053  
 stratigraphic and mineralogic relations and ceramic properties of clay deposits of Eocene age, Jackson Purchase region, Ky., and adjacent parts of Tennessee, 7047  
 stratigraphic nomenclature changes in Cretaceous system, east-central Puerto Rico, 7046  
 Strauss, Klaus J., confer citizenship posthumously, 6641  
 Streams, *see Rivers*.  
 Strength of materials:  
 granite, basalt, limestone and tuff, strength and deformation properties at various loading rates, 6907  
 micromorphic material constants from properties of constituents, how to determine, 7240  
 Stress (physiology):  
 physiologic research on human tumbling, 6417  
 stress response as predictor of radio sensitivity in primates, 6419  
 Stresses (mechanical), *see Strains and stresses*.  
 Strikes and lockouts, analysis of work stoppages, 1967, 7175  
 Strips (metal, etc.):  
 test, and medical color charts, Federal item identification guide, 6836  
 Strolle, E. O., cane milling of nicotine from green nicotiana rustica, 6359  
 Strong, Guy M., coated charcoal, radioimmunoassay for plasma insulin, 6420  
 Structural engineering, *see Building*.  
 Structural materials, *see Construction materials*.  
 Stubbs, Sandy M., effects of bottom-structure flexibility on water landing loads of Apollo spacecraft models, 7280  
 Student pilots, *see Aviators*.  
 Students:  
 college bound program, New York City, secondary program in compensatory education, 6899  
 loan program under higher education act of 1965, 7% payment tables and amortization schedules, 6902  
 Stumpage, *see Timber*.  
 Subject headings, medical, cumulated, 7349  
 Submarine crews, extra-alveolar air resulting from submarine escape training, post-training roentgenographic survey of 170 submariners, 7198  
 Submarine Medical Center, *see Naval Submarine Medical Center*.  
 Subsidies, maritime, 7195  
 Suburban Motor Freight, Inc., motor carrier accident report, 7222  
 Sudan, Republic of, background notes, 7481  
 Sulfur oxide, air pollution, Federal research and development program on pollution abatement, report, 6685

Sullivan Gerald V., recovering gold from graphitic schist from Tallapoosa County, Ala., 7221  
 Summer employment, *see Employment*.  
 Summer '68, 7407  
 Sumner, Irving E., low-density foam for insulating liquid-hydrogen tanks, 7284  
 Sundance formation, *see Jurassic period*.  
 Sunfishes, green, effects of silt turbidity on behavior, 7475  
 Sunset Crater National Monument, general information, 7358  
 Sung Nan Lee, relief, 6616  
 Superconductors, superconductive dust cores for inductive elements, 7295  
 Superior, Lake, bottom trawl explorations, 6547  
 Superior National Forest, spruce budworm defoliation, biological evaluation, 7006  
 Supersonic cones, *see Cones*.  
 Supersonic flow, *see Flow*.  
 Supersonic inlets, *see Air inlets (aircraft)*.  
 Supplies, *see Government supplies—Military supplies*.  
 Supply accounting, *see Accounts and accounting*.  
 Supply and demand, supplying U.S. markets with fresh winter produce, capabilities of U.S. and Mexican production areas, 6856  
 Supreme Court, cases adjudged, United States reports, 7538  
 Surface water, *see Water*.  
 Surfaces:  
 Basin and Range province, trend-surface analysis and geomorphic implications, 7051  
 randomly rough, statistical characteristics of quadrature components of signals reflected from, 7130  
 unsteady surfaces and internal waves, diffraction, USSR study, 7148  
 Surgery:  
 neurosurgery, sterotaxic techniques, selected readings, 7554  
 postoperative hepatic necrosis and halothane anesthesia, study of possible association, 7344  
 Surplus property:  
 agreement with Indonesia, 7500  
 excess property, opportunity for savings by increasing transfer among Federal agencies, GAO report, 7032  
 Federal, for health, educational, and civil defense purposes, how to acquire, 7065  
 utilization program, how it contributes to Nation's health, education, and civil defense, 7067  
 Surveys, *see subjects of surveys*.  
 Survivors' benefits:  
 children, civil service retirement system, 6520  
 your social security, 7462  
 Swan, Edward P., New Florence, initial decisions on census program, 6504  
 Sweetpotatoes, acreage marketing guide, 6805  
 Swine:  
 brooding pigs, use of infrared lamps, 6382  
 internal parasites of hogs, preventing and controlling, 6378  
 Switches, *see Electronic switches*.  
 Switzer, George, partially melted kyanite eclogite from Roberts Victor Mine, South Africa, 7454  
 Sycamore, seed germination, effects of provenance, stratification, temperature, and parent tree, 7016  
 Sylvestre, G. Paul, New Florence, action-oriented census program, pretesting, 6506  
 Symposia:  
 dialysis for nurses, 7415  
 nuclear standards for chemistry and technology, proceedings, 7322  
 Synchrocyclotrons, NASA-SREL utilized in energy determinations of large area proton beams for radiobiologic research, 6416

# INDEX

Synthetic organic chemicals, *see* Organic chemicals.  
 Synthetic woven goods, *see* Textiles.  
 Systems:  
     analysis summary of methods for measuring population change, 7431  
     cooperative area manpower planning system, concentrating manpower services against poverty, 7183  
     *see also* names or types of systems, *e.g.* Electronic data processing systems.  
 Systems Research and Development Service, report RD series, 7539

## T

Takasaki, K. J., water resources of windward Oahu, Hawaii, 7084  
 Takkunen, Philip D., fabrication of cermet of uranium nitride and tungsten or molybdenum from mixed powders and from coated particles, 7294  
 Tale, new deposit in St. Lawrence County, N.Y., 7041  
 Tallapoosa County, Ala., gold, recovering from graphitic schist, 7221  
 Tanks (combat vehicles):  
     welded-joint designs, armored-tank type, military standard, 6838  
 Tanks (containers):  
     caps, Federal item identification guide, 6833  
     liquid hydrogen, low-density foam for insulating, 7284  
 Tariff:  
     customs convention—  
         A.T.A. carnet for temporary admission of goods, 7513  
         containers, 7515  
         E.C.S. carnets for commercial samples, 7514  
         temporary importation of professional equipment, 7512  
     customs, free entry privileges in Philippines to dependents of personnel assigned to South Viet-Nam, agreement, 7496  
     popular tourist items, 1969 rates of duty, 6821  
     summaries of trade and tariff information, 7541  
 Tauchert, T. R., lattice model for composite materials, 7242  
 Tax Court, reports (decisions), bound volume, 7543  
 Taxation, *see* Employment taxes—Excise taxes—Income tax—*also* names of articles, etc., subject to tax.  
 Teaching:  
     instructional materials, ESEA, title 2, annual report, 6866  
     *see also* subjects taught.  
 Technical aids for small manufacturers, 7453  
 Technical assistance, STAP, special technical assistance program, 1st year evaluation, 6853  
 Technical bulletins, Agriculture Department, 6401  
 Technical cooperation, *see* Foreign aid.  
 Technical education, vocational-technical education program development for persons with special needs by States, under Vocational education act of 1963, progress report, 6895  
 Technical information, activities in foreign countries (talk), 7446  
 Technical manuals, Army Department, 6441-45  
 Technical memorandums:  
     Coastal Engineering Research Center, 6905  
     Environmental Science Services Administration, 6911

Technical notes:  
     National Aeronautics and Space Administration, 7249-7306  
     National Bureau of Standards, 7324-29  
 Technical papers, Sport Fisheries and Wildlife Bureau, 7475  
 Technical reports:  
     Air Force Human Resources Laboratory, 6402-3  
     Army Aviation Materiel Laboratories, 6450-61  
     Environmental Science Services Administration, 6912-21  
     highway planning, 7435-36  
     National Aeronautics and Space Administration, 7307  
     Naval Training Device Center, 7378  
     School of Aerospace Medicine, 6416-21  
     Waterways Experiment Station, 6908-10  
     Technical research notes, Behavioral Science Research Laboratory, 6446-49  
 Technical terms of meat industry, 6816  
 Technicians, Army National Guard, civilian personnel, manning criteria, 7338  
 Technology:  
     AEC-NASA technology survey (series), 7246  
     nuclear standards for industry, science, government and consumer, symposium, proceedings, 7322  
     Panel on Science and Technology, 10th meeting, proceedings, 6730  
     science & technology and the cities, Panel on Science and Technology, 10th meeting proceedings, 6730  
     State technical services, helping business and industry, 6544  
 Telecasting, fairness doctrine of FCC, legislative history, staff study, 6721  
 Telecommunication, pre-sunrise operation of certain standard (AM) radio broadcasting stations, agreement with Canada, 7508  
 Teleoperator controls, 7246  
 Telephone:  
     rural program, supplemental financing—hearings, 6702  
     report, 6688  
 Television, cloud photography, meteorological satellite data, catalog, 6922  
 Temperature, high, use of tungsten-184 as thermal flux monitor, 7283  
     *see also* Heat—*also* Ocean temperature.  
 Tennessee, eastern, Clinch River, distribution of radionuclides in bottom sediment, 7050  
 Tennessee River and Valley, forest industry manpower training in Tennessee Valley region, 7545  
 Tennessee Valley Authority:  
     financial statements, 1968, GAO examination 7030  
     industrial development in TVA area, 7547  
     Tensile strength, *see* Strains and stresses.  
 Teren, Fred, optimal 3 dimensional launch vehicle trajectories with attitude and attitude rate constraints, 7287  
 Terrain, NRL terrain clutter study, 7381  
 Terrestrial magnetism, earth's magnetic field on South Pole-Queen Maud Land Traverse 1, 6526  
 Testing, nondestructive, for void content in glass-film-wound composites, 7382  
     *see also* names of substances or objects tested.  
 Texas, west, cotton gin operating costs, 6386  
 Textbooks, ESEA, title 2, annual report, 6866  
 Textiles:  
     man-made fiber broadwoven goods, current industrial reports, 6498  
     trade problems (address), 6538  
 Thermal conductivity, *see* Heat transfer.  
 Thermal neutrons, thermal flux monitor at high temperatures, use of tungsten-184, 7283  
 Thinning of forests, *see* Forest thinning.

This changing world, reading guide for the General Sessions, 7491  
 Thrusters, *see* Ion thrusters.  
 Thunderstorms, severe thunderstorms of Apr. 3, 1964, structure and movement as revealed from radar and surface mesonet-work data analysis, 6911  
 TIAS series, 7492-7526  
 Tides, tables, North and South America, west coast, etc., 6532  
 Tiedemann, John G., monitoring performance as function of muscular response effort, 6446  
 Tighe, Francis, the ripples reach all shores, 6848  
 Tighe, Michael J., industry wage survey, communications, 7176  
 Timber:  
     predicting tree d.b.h. from stump measurements in Southeast, 7015  
     round timber piles, strength evaluation, 7019  
 Titanium:  
     alloys—  
         correlation of two fracture toughness tests, 7380  
         fracture toughness characterization etc., to failure-safe design structural procedures, 7383  
         solubility in liquid potassium, 7270  
 Tobacco, cane milling of nicotine from green *nicotiana rustica*, 6359  
 Tocks Island dam, Delaware River basin, power aspects, hearings, 6801  
 Tolerances (physiology), *see* Stress (physiology)  
 Tomatoes, golden nematode, description, control, etc., 6396  
 Tools, *see* Machine tools.  
 Touchet division, *see* Walla Walla project.  
 Tourists, popular tourist items, 1969 rates of duty, 6821  
 Traction, pavement grooving and traction studies, 7247  
 Trade, *see* Commerce—Retail trade.  
 Traffic:  
     St. Lawrence Seaway, report, 7445  
     test comparison between functional and volume concepts of delineating traffic corridors, 7435  
     *see also* Air traffic.  
 Traffic control, *see* Air traffic.  
 Traffic safety, *see* Safety of life.  
 Training:  
     foreign students for training in United States Air Force, selection, 6483  
     major collective bargaining agreements, training and retraining provisions, 7170  
     manpower development and training act, amend, report, 6655  
     work training in industry, training out-of-school youth for available jobs, 7166  
     *see also* subjects.  
 Trajectories, launch vehicles, optimal 3 dimensional launch vehicle trajectories with attitude and attitude rate constraints, 7287  
 Tranquilizing drugs, tranquilizers and LSD, general information, 7377  
 Transducers, high-pressure piezoelectric ceramic transducer, USRD type F43, 7389  
 Transformations (mathematics):  
     elastic constants for anisotropic media by successive simple rotations, 7214  
 Transport properties, transport processes in electrochemically controlled ion-exchange desalination, 7088  
 Transport vehicles, *see* Vehicles.  
 Transportation:  
     air transportation problems (address), 6512  
     Army rail transport operations, field manual, 6432  
     *see also* Roads and highways.

Travel:  
     Government employees, maximum rate of per diem allowance, increase—  
         hearings, 6715  
         reports, 6692, 6696  
     U.S.A. travel bargains, 7553  
 Traveling, *see* Travis and trawling.  
 Trawls and trawling, bottom trawl explorations, 1963-65, in Lake Superior, 6547  
 Treasury Department:  
     code of Federal regulations, 6962  
     department circular, public debt series, 7549-7550  
 Treasury notes:  
     6½ percent series A-1976, 7550  
     6½ percent series C-1970, 7549  
 Treaties, treaties and other international acts series, 7492-7526  
 Trees:  
     diseases of eastern forests and farm woodlands, 6375  
     how a tree grows (poster), 7002  
     sectional aluminum poles improve length measurements in standing trees, 7014  
     *see also* Hardwoods.  
 Triassic period:  
     Star Peak Group and overlying lower Mesozoic rocks, Humboldt range, Nev., stratigraphy, 7053  
     Upper Triassic, Chinle (Upper Triassic) and Sundance (Upper Jurassic) formations in north-central Colorado, 7045  
 Trout, steelhead, Columbia River, recent advances in artificial culture, 6550  
 Trust funds, *see* Trusts and trustees.  
 Trust Territory of Pacific Islands, annual report, 7080  
 Trusts (industrial), *see* Competition.  
 Trusts and trustees, highway trust fund, financial condition and operations, annual report, 6580  
 Truth in lending act, *see* Credit.  
 Tubes, use of plastic tubing in maple sap production, summary and evaluation of research, 7020  
 Tubing, *see* Tubes.  
 Tucker, Sterling, nomination, report, 6737  
 Tuff, *see* volcanic ash, tuff, etc.  
 Tuliptree, yellow-poplar seedlings, symptoms of nutrient deficiency, 7011  
 Tully, Philip C., helium, bibliography of technical and scientific literature, 1962, including papers on alpha-particles, 7206  
 Tumbling, physiologic research on human tumbling, 6417  
 Tungsten, fabrication of cermets from mixed powders and coated particles, 7294  
 Tungsten carbide preparation, by electrodeposition, 7217  
 Tungsten isotopes, tungsten-184 as thermal flux monitor at high temperatures, use, 7283  
 Turbidity, silt, effects on behavior of juvenile bass and green sunfish, 7475  
 Turbines:  
     aircraft gas, small high-performance, feasibility of gas bearings, 6458  
     cold performance evaluation of 4.97-inch radial-inflow turbine designed for single-shaft Brayton cycle space-power system, 7260  
     gas turbine engines, advanced, shaft face seal with self-acting lift augmentation, 7303  
 Turboalternators:  
     and associated hardware, high-performance, 7231  
     design, description, 7230  
     high-performance, and associated hardware, 7230  
 Turbulent flow, *see* Flow.



# INDEX

Turkey:  
 agricultural commodities, agreement, 7524  
 economic trends and their implications for  
 United States, 7105  
 mineral industry, minerals yearbook chap-  
 ter, 7210  
 Turkeys, number raised, 1969 intentions,  
 etc., 7536  
 Turner, Francis C.:  
 nomination, hearing, 6800  
 remarks, Feb. 19, 1968, 7437  
 Tutorial method in education, *see* Tutors  
 and tutoring.  
 Tutors and tutoring programed tutorial  
 reading project, Indianapolis, Ind., ele-  
 mentary program in compensatory educa-  
 tion, 6872  
 Tuxpan, Mexico, despatches from U.S.  
 consules, pamphlet accompanying micro-  
 copy, 7316  
 TVA, *see* Tennessee Valley Authority.  
 Tynes, W. O., air entrainment in mass con-  
 crete, 6908

## U

U.S.S.R., *see* Union of Soviet Socialist  
 Republics.  
 Uganda, Army area handbook, 6438  
 UH-1H, *see* Helicopters.  
 Ultrashort waves, *see* Radio waves.  
 Ultrasonics, *see* Sound.  
 Underdeveloped areas, development assist-  
 ance in foreign countries, in new Adminis-  
 tration, 7121  
 Underground mining, *see* Mines and mining.  
 Underwater exploitation of mineral re-  
 sources, USSR study, 7136  
 Underwater vision, *see* Sight.  
 Unemployed, manpower development and  
 training act, amend report, 6655  
 UNIDROIT, *see* International Institute for  
 Unification of Private Law.  
 Union of Soviet Socialist Republics:  
 Academy of Sciences, history and work,  
 brief account, 7156  
 agricultural situation in Communist areas,  
 6859  
 All-Union conference on automatic control,  
 7142  
 cotton production, etc., 6399  
 epidemiological studies, 7157  
 first U.S. mission on mental health to  
 U.S.S.R., special report, 7427  
 fisheries, northeastern Pacific Ocean off  
 U.S. coast, agreement, 7517  
 fishing operations, northeastern Pacific  
 Ocean, agreement, 7518  
 handbook for propagandists and agitators  
 of Army and Navy, 7135  
 king crab fisheries, agreement, 7516  
 polar studies, 7141  
 Union wages, *see* Wages.  
 Unit heaters, current industrial reports,  
 6496  
 United States:

NOTE.—For all subjects pertain-  
 ing to the United States, except its  
 government, general history, and  
 description, *see* such subjects.

United States coast pilot, *see* Coast pilot.  
 United States code, *see* Codes of law.  
 United States magistrates, proposed rules  
 of evidence, preliminary draft, 6352  
 United States reports, *see* Supreme Court.  
 Universities, *see* Colleges and universities.  
 Unlading and lading:  
 fresh fruit and vegetable unloads—  
 eastern cities, 6807  
 midwestern cities, 6809  
 southern cities, 6810  
 western cities, 6808  
 overloading and improper loading, 6537  
 Unloading, *see* Unlading and lading.

Up and down drugs, amphetamines and  
 barbiturates, 7430  
 Upland cotton, *see* Cotton.  
 Upper Volta, economic trends and their im-  
 plications for United States, 7103  
 Uranium nitride, fabrication of cermets from  
 mixed powders, and coated particles, 7294  
 Urban areas, *see* Cities and towns.  
 Urban Mass Transportation Administration,  
 Administrator, nomination of Carlos C.  
 Villarreal, hearing, 6778  
 Urban renewal, *see* Redevelopment (city  
 planning, etc.).  
 Uruguay, economic trends and their implica-  
 tions for United States, 7102  
 USDA, *see* Agriculture Department.  
 USSR, *see* Union of Soviet Socialist  
 Republics.  
 Utah, mineral and water resources, report,  
 print as Senate document, 6761  
 Utilities, *see* Public utilities.  
 Utility Consumers' Counsel Office, establish,  
 hearings, 6789

## V

Vacuum, rapid vacuum evaporation system,  
 6361  
 Van Hue Nguyen, *see* Nguyen Van Hue.  
 Vanadium, solubility in liquid potassium,  
 7270  
 Vapors, carbon dioxide and water vapor  
 transmission, polyomials representation,  
 6920  
 Vegetable products, *see* Agricultural prod-  
 ucts.  
 Vegetables:  
 acreage marketing guide, 6805  
 fresh—  
 unloads—  
 eastern cities, by commodities, States,  
 etc., 6807  
 midwestern cities, by commodities,  
 States, etc., 6809  
 southern cities by commodities,  
 States, etc., 6810  
 western cities, by commodities,  
 States, etc., 6808  
 how to use USDA grades in buying, 6394  
 summer and fall, for commercial proc-  
 essing, 6804  
 Vehicles, portable corral-transport, 6389  
 Vendors and purchasers, selection of pur-  
 chasers for residential properties sold by  
 Federal Housing Administration, GAO re-  
 view, 7036  
 Veneers, hardwood, production in opportuni-  
 ties in Tennessee Valley, 7546  
 Ventana Wilderness in California, designate  
 as wilderness area, proposal, report, 6773  
 Vents, effects of vent holes on strength of  
 fiberboard boxes and fruit cooling rate,  
 6357  
 Vermont, census of business, 1967, retail  
 trade, area statistics, 6494  
 Vessels, *see* Ships.  
 Vestibular system, dynamics of, and their  
 relation to motion perception, spatial per-  
 ception, and illusions, 7239  
 Veterans:  
 benefits—  
 educational assistance for veterans with  
 service since Jan. 31, 1955, summary,  
 7557  
 employment benefits and opportunities,  
 summary, 7558  
 loan guaranty benefits for veterans with  
 service since Jan. 31, 1955, summary,  
 7559  
 paraplegics, housing program, modify  
 eligibility requirements, report, 6764  
 Veterans Administration:  
 bibliography series, 7564  
 medical research, reports, 6782, 7555  
 VA pamphlets, 7556-59



Veterans Affairs Committee, House:  
hearings, 6731  
investigations and studies, expenses, report, 6668  
Veterans of Foreign Wars legislative recommendations, 1969, hearings, 6731  
Veterans of World War I of USA, Inc., legislative recommendations 1969, hearings, 6731  
Veterans organizations, legislative recommendations, 1969, hearings, 6731  
*see also* names of organizations.  
Vibration:  
evaluation of sandwich conical shells with fiber reinforced composite facings, 6456  
propagation and damping of sound vibrations on ships, USSR study, 7153  
summary of random vibration prediction procedures, 7236  
ultrasonic effect on precipitation hardening of steels and superalloys, 7292  
*see also* Oscillations.  
Vice President of United States:  
electoral college system reform, 6577  
salary, increase, report, 6656  
selection, amend Constitution relating to electoral college reform, hearings, 6722  
Vietnam:  
commodity import program, U.S. foreign aid, improper practices, report, 6755  
North, war, air and naval campaigns and Pacific Command-wide support, report, 6440  
Republic—  
dependents of personnel assigned to Vietnam, free entry privileges in Philippines, 7496  
war operations, report, 6440  
veterans, employment benefits and opportunities, summary, 7558  
war report, 6440  
Villareal, Carlos C., nomination, hearing, 6778  
Virginia, agricultural conservation program, 6369  
Virus, method for determining virus on surfaces contaminated by virus aerosols, USSR study, 7145  
Visas, *see* Passports.  
Viscoelasticity, *see* Elasticity.  
Viscous flow, *see* Flow.  
Vision, *see* Sight.  
Visual perception, *see* Perception.  
Vital statistics:  
data evaluation and methods research, 7431  
data from national health survey, 7433  
documents and committee reports, 7432  
United States, 1965, annual report, 7434  
vital and health statistics, 1970 census plans, study group report of Public Health Conference on Records and Statistics, 7432  
Vocational education:  
act of 1963, vocational-technical education program development for persons with special needs by States, progress report, 6895  
new routes, 6883  
Vocational rehabilitation, *see* Rehabilitation of the disabled.  
Voids, void content in glass-filament wound composites, nondestructive testing, 7382  
Volcanic ash, tuff, etc., strength and deformation properties at various loading rates, 6907  
Volume and yield tables, predicting tree d.b.h. from stump measurements in South-east, 7015  
Volunteer workers:  
Americans volunteer, 7164  
school programs, revitalize for volunteers, 6898

Vortex flow, viscous flow in short cylindrical vortex chamber with finite swirl ratio, 7293  
VTOL (vertical takeoff and landing), *see* Aircraft.

## W

Wage and Hour and Public Contracts Divisions, interpretative bulletin, 7560  
Wage chronology, *see* Wages.  
Wages:  
area survey—  
Columbus, Ohio, 7178  
Dallas, Tex., 7181  
Fort Worth, Tex., 7180  
Louisville, Ky.-Ind., 7184  
Miami, Fla., 7182  
Omaha, Neb.-Iowa, 7179  
San Diego, Calif., 7183  
Sioux Falls, S. Dak., 7177  
chronology, Massachusetts shoe manufacturing, supplement, 7171  
fair labor standards act, overtime compensation, 7560  
industry survey, communications, 7176  
industry wage and union scale studies, 1960-68, directory, 7185  
prevailing wage requirements on construction of FHA-insured multi-family housing projects, labor standards, 7069  
year-round workers with low earnings, 6501  
Wagner, Charles A., visual simulation image generation using flying-spot scanner, 7300  
Walburg, Charles H., fish sampling and estimation of relative abundance in Lewis and Clark Lake, 7475  
Walker, B. E., Jr., nondestructive testing for void content in glass-filament-wound composites, 7382  
Walla Walla Project:  
Touchet division, construction, etc.—  
hearing, 6791  
report, 6769  
Waller, Thomas R., two FORTRAN II programs for univariate and bivariate analysis of morphometric data, 7353  
Walls, Nancy W., physiological studies on Clostridium botulinum, type F, progress report, 6472  
War:  
general, interdisciplinary conference on selected effects, proceedings, 6825  
means of mass destruction, protection against, USSR study, 7127  
Ward, Harvey E., relief, 6601  
Wardlaw, Andrew B., achievements and problems of Central American Common Market, 7487  
Warfare, *see* War.  
Warranties and guarantees, deceptive advertising of guarantees, guides against, 6987  
Warren, Charles R., descriptive catalog of selected aerial photographs of geologic features in areas outside the United States, 7052  
Warren, Forest G.:  
farm mortgage debt, 6862  
farm mortgage lending experience, 6863  
Washington, D.C., *see* District of Columbia.  
Waste disposal, *see* Sewage—Waste products.  
Waste products:  
State/interstate solid waste planning grants and agencies, 7428-29  
waste disposal costs at 2 coal mines in Kentucky and Alabama, 7208  
Water:  
and carbon dioxide vapor transmission, polynomial representation, 6920  
atmospheric water resources program, Project Skywater, annual reports, 7439-40

# INDEX

## Water—Continued

- Columbia River basin, special operating program for Canadian storage, agreement with Canada, 7523
- deep, precise echo soundings, 6912
- factors for phytoplankton blooms and effects on dissolved oxygen in Duwamish River estuary, Seattle, Wash., 7061
- quality improvement act of 1969, report, 6696
- resources—
  - policy and political institutions, report of panel on needed research, 6943
  - Utah, report, print as Senate document, report, 6761
- saline—
  - appropriations, 1970, report, 6770
  - recovery of salts from, via solvent extraction, final report, 7086
  - saline conversion, appropriations, 1970 program hearings, 6793
  - saline water research and development progress reports, 7084-90
- supply—
  - in cold regions, 6431
  - your water supply and forests, 6374
- surface water—
  - quality, 7063
  - records to Sept. 30, 1967, index lower Mississippi River Basin, 7048
  - temperature, radiometer measurements, USSR study, 7134
  - utilization in Wilcox Basin, Graham and Cochise Counties, Ariz., 7059
  - water resources of windward Oahu, Hawaii, 7064
  - water supply papers, 7058-64
- see also Hydrology.
- Water birds, status report, 7474
- Water pollution:
  - control—
    - cooperation by all Federal agencies for, hearings, 6803
    - research and development program., 6992
    - research, development, demonstration, and training projects 1968 grants and contract awards, list, 6993
  - control act, amend—
    - hearings, 6728, 6803
    - report, 6696
  - control of oil discharges in navigable waters, hearings, 6803
  - control of sewage from vessels, hearings, 6803
  - lower Potomac River, the Nation's river (remarks), 7091
  - oil spillage, Santa Barbara, Calif., hearing, 6729
  - water quality act of 1969, hearing, 6803
- Water Pollution Control Advisory Board, President's, see President's Water Pollution Control Advisory Board.
- Water quality act of 1965, see Water pollution.
- Water quality act of 1969, see Water pollution.
- Water supply, see Water.
- Water systems, sewage and water works construction, contract awards, 6991
- Waterborne commerce, see Commerce.
- Waterfowl, see Water birds.
- Waterways Experiment Station:
  - miscellaneous papers, 6907
  - technical reports, 6908-10
- Watson, W. Marvin, address, July 30, 1968, 7395
- Waves:
  - internal waves, diffraction of unsteady surfaces, USSR study, 7148
  - wave motions, USSR studies, 7155
- Ways and Means Committee, House:
  - investigations and studies, expenses, report, 6675
  - report, 6660

- Weapons, means of mass destruction, protection against, USSR study, 7127
- Weather control, atmospheric water resources program, Project Skywater, annual reports, 7439-40
- Weather forecasts:
  - forecasters guide on aircraft icing, 6412
  - short-range weather forecasting, hydrodynamic theory, USSR study, 7131
- Weather stations, cooperative meteorological program, continuation, agreement with Colombia, 7498
- Webb, Charles D., sycamore seed germination, effects of provenance, stratification, temperature, and parent tree, 7016
- Weed, George T., relief, 6940
- Weeds, control, suggested guide, 6372
- Wegstein, J. H., semi-automated single fingerprint identification system, 7329
- Weightlessness, changes of indices of external respiration, gas exchange and energy expenditure of human subject, USSR study, 7139
- Weinberger, Leon W., address, June 28, 1967, 6992
- Welzer, Victor G., resolution and image intensity of eld-ion microscope, 7201
- Welch, Eugene B., factors for phytoplankton blooms and effects on dissolved oxygen in Duwamish River estuary, Seattle, Wash., 7061
- Welded joints, see Joints.
- Welding, and flame-cutting processes and practices, 7453
- Wells, tube, of Indus Plains, West Pakistan, evaluation and control of corrosion and encrustation, 7058
- Wenicke, Kenneth G., tilt prop-rotor composite research aircraft, 6451
- Wessel, Thomas R., honey bees, 7455
- West, Dorothy B., medical, 7332
- West (U.S.):
  - fresh fruit and vegetables, unloads in western cities by commodities, States, etc., 6808
  - irrigation, 1961, quality of surface waters, 7063
- West Indies, sailing directions, change, 7370
- West Pakistan, Indus Plains, evaluation and control of corrosion and encrustation in tube wells, 7058
- Western Hemisphere, see Hemisphere, Western.
- Western Europe, see Europe.
- Western States, see West (U.S.).
- Westmoreland, W. C., report on operations in South Vietnam, 6440
- Wetting agents, wettability of fluorocarbon and chlorocarbon trialkoxysilane films adsorbed on glass and metal surface, 7388
- Wheat, objective yield survey, 1969, interviewers manual, 7537
- Wheatgrasses, crested, pasture productivity, as influenced by nitrogen fertilization and alfalfa, 6401
- Wheeler Reservoir, fish monitoring investigations, Browns Ferry Nuclear Plant, 7544
- Whipple, E. C., jr., satellite ion-electron collector, experimental effects of grid transparency photoemission, and secondary emission, 6913
- White, William B., seed and cone insect survey on seed production areas, Clark, Mark Twain and Shawnee National Forests, 7005
- White noise, see Noise.
- Wilderness areas:
  - designate, proposal—
    - Desolation Wilderness in California, report, 6767
    - Lincoln Back Country Wilderness in Montana, hearing, 6792
    - Ventana Wilderness in California, report, 6773
- Wildfire, see Fires.

## Wildlife:

and range habitat publications issued in 1967 by Forest Service research personnel and cooperators, 7007  
rare and endangered fish of U.S., list, 7470  
special scientific reports, wildlife series, 7473-74

Wildlife refuges, refuge leaflets, 7469  
*see also* names of refuges

Wilkinson, Thomas Lee, strength evaluation of round timber piles, 7019

Willcox basin, Ariz., geohydrology and water utilization, 7059

Williams, Ellis T., forest taxation and preservation of rural values in New York, 6999

Williams, Joel, library statistics of colleges and universities, fall 1968, data for individual institutions, 6381

Williams, Michael D., parameters affecting firing time of simultaneously triggered trigatron spark gap switches, 7263

Wilmot, Charles A., cotton gin operating costs in west Texas, 6386

Wind tunnels, investigation of semirigid full-scale rotors operating at high advance ratios, 6461

Windows, glovebox window materials, fire safety application, 6474

## Wings (aircraft):

airplane model with double-delta wing, including longitudinal and lateral characteristics and ground effects, large-scale tests, 7276

all-flexible parawing of an advanced Apollo spacecraft, fixed-base visual simulation of pilot-controlled descents, 7255

supersonic nacelle-wing interference, numerical method for evaluation and utilization, 7259  
*see also* Airfoils

Winston Churchill Memorial and Library, medal in commemoration of dedication, report, 6765

Wire, refractory-metal wires at 2000° and 2200° F., stress-rupture and tensile properties, 7297

Woerlein, H. H., eliminating radar ambiguities by processing staggered pulse trains or spectra, 7379

Wolf, Elinor, reveille for volunteers, 6898

Wolff, Karl Dietrich, testimony hearing, 6796

Women, employment of mature women, how you can help reduce barriers, 7563

Wong Wah Sin, relief, 6744

Wood, Gordon H., Jr., geology of west-central part of Southern Anthracite field and adjoining areas, Pennsylvania, 7054

Wood, dividends from research, list of publications, 7001

*see also* names of articles manufactured from wood.

## Work:

experience and training, administration and effectiveness of project in Kent County, Mich. under title 5 of Economic opportunity act of 1964. GAO report, 7024

## Work—Continued

training in industry, training out-of-school youth for available jobs, 7166

Work injuries, *see* Injuries.

Work stoppages, *see* Strikes and lockouts.

Workshops, sheltered, standards, 7440A

World affairs, *see* International relations.

World motor vehicle production and registration, 6488

World War, 1939-45, internal medicine, infectious diseases and general medicine, 6463

Wupatki National Monument, general information, 7358

## X

X-rays, analysis using radioisotope sources, final report, 6469

## Y

## Yakima project:

Kennewick division extension, construction, etc.—

hearing, 6791

report, 6768

Yap-Diango, Ana M., relief, 6621

Yee Fook, *see* Wong Wah Sin.

Yellow poplar, *see* Tuliptree.

Young, Stanley G., effect of ultrasonic vibration on precipitation hardening of steels and superalloys, 7292

## Youth:

manual for youth coordinators, 7404

opportunity programs, developing, 7403

out-of-school, work training in industry, preparation for available jobs, 7166

summer '68, 7407

Your medicare handbook, 7463

Ypsilanti, Mich., Perry Preschool Project, program in compensatory education, 6893

Yttrium fluoride, phase diagram for KF-YF<sub>3</sub> system, 7216

Yugoslav language, *see* Serbo-Croatian language.

## Yugoslavia:

agricultural commodities, agreement, 7502

economic trends and their implications for United States, 7114

## Z

Zimbrick, J. D., controlled environmental radiiodine tests at National Reactor Testing Station, 1967 progress report, 6468

ZIP code, Mr. ZIP, who he is, what he does, 7400

Zirconium, solubility in liquid potassium, 7270

Zirconium carbide, hyperstoichiometric, electric resistance to 2,000°C, 6475

Zito, George V., design and development of multipurpose, boresighted star tracker, 7225.



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